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AUGUST

THE INDUSTRIOUS HEN

An Illustrated Monthly for
POULTRY
LIVE STOCK and the **FARM**



Published by the
INDUSTRIOUS HEN CO.
Knoxville, Tenn.



SEE PAGES 80 AND 103 FOR PARTICULARS



"See that Lacing on Breast and Body."
A JONES WINNER.

Annual Summer Reduction Sale.

As has been my custom for a number of years after June 1st to sell out my THIS SEASON'S BREEDERS, I am now offering some rare bargains in

Silver, Golden and White Wyandottes

including some high class yearling hens, pullets and male birds of exceptionally strong breeding points; in this sale goes some high scoring exhibition birds that will win in hot company, and for those desiring "Fall Fair Winners" here is your chance to get the

Strongest Blood Lines on Earth

at just ONE HALF their real value. I will sell these single, in pairs, trios or pens, or in large lots as desired. Get my prices and save money on high class birds.

Jones the Wyandotte Man

has the goods and has proven beyond a doubt that they are "The Gladiators," having won at all the leading shows of the country. EGGS HALF PRICE REMAINDER OF SEASON \$1.50 per setting.
55 High class Collie Puppies to sell.

R. E. JONES, The Pines,
R. F. D. No. 10
Paducah, Ky.

MY WINNINGS AT THE GREAT NASHVILLE POULTRY SHOW, JANUARY, 1906

== WERE ==
1st COCK
1st COCKEREL
SPECIAL SILVER CUP
1st PULLET
2nd PULLET
3rd PULLET (Tied)
1st PEN
White Wyandotte Club SPECIAL RIBBONS
== ON ==

WHITE WYANDOTTES

The Famous "Lady Audley," First Hen in Nashville Show, is now in My Pens. I Have Also Bred the Winners at Leading Southern Shows. EGGS AND STOCK FOR SALE

ACME POULTRY PLANT R. R. No. 1 BECKWITH, TENN.
JNO. W. BOSWELL, Jr.

"SHAW" WHITE ROCKS

Make clean sweep of all firsts and specials at Kentucky State Show, winning \$50.00 Silver Cup for best display, \$25.00 Cup for best Cock, Hen, Cockerel and Pullet, and \$10.00 gold for highest scoring pen in show (score 192 points). RECORD SCORE FOR WHITE ROCKS.

At Tennessee State Show, 1906, all ribbons but two; winning the handsome White Rock Club Specials for best cock, hen, cockerel, pullet and pen. These winnings are a repetition of our former records at Chicago, Indianapolis, Illinois State Shows and elsewhere, and prove that "Shaw" White Rocks are without a peer. Judge Hewes says: "The Best Strain of White Rocks in U. S." Judge Russell: "The Best White Rocks I Ever Handled." Matings better this season than ever. Eggs \$5 and \$3 per 15. Good breeding pens, cockerel and 6 pullets, \$15 up. Write for what you want.

Wabash Poultry Farm,

R. F. D. No. 3,

PALESTINE, ILL.



THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 3

Knoxville, Tenn., August, 1906

(Whole No. 27) No. 3

EXHIBITION WHITE ROCKS—BREEDING VS. FEEDING

WRITTEN FOR THE INDUSTRIOUS HEN BY FRANK L. SHAW



THE vital question of the amateur fancier at this season of the year is, "How can I care for my birds so as to produce prize winners?" and in behalf of the beginner we propose to give in an impartial manner, the means we have pursued with unbounded success. First, we must assume that you have procured for your foundation stock, the best blood possible to attain, otherwise, you could not expect results. It is pretty

generally known and understood that this foundation stock must be line bred from several generations of winners in order to breed true to type, and if properly mated, we should be able to improve with the progeny and produce higher grade birds each year succeeding. When we say properly mated, we mean, of course, mated correctly; that is, the right male bird with just the right sort of females. While all may be high scoring birds, each one has some slight defects, which perhaps differ in each specimen. Of course we want all birds just as nearly up to standard requirements as possible, but the sections which are defective in the one sex must be especially strong in the other. If we could have males and females scoring 100 points, desired

results could be attained as simply as putting two and two together. However, then there would be no science in mating and breeding. Fortunately or unfortunately this is not to be the case and the amateur may start with the right sort of foundation stock, he may yet make a failure unless his matings be correctly made.

Here we wish to impress one very important fact. All prize-winners do not make good breeders. It is very reasonable and very true that a chance specimen, tho' he be a chance winner at some large show (justly or unjustly) will be most sure to bring disappointment as a breeder and such a bird should not be entrusted in the choice breeding yard, as it is certainly time and money wasted. While the high class females, had they been properly mated with a line bred male of the same strain, though possibly he seems of slightly inferior quality, much better results will be secured.

Assuming that you have an ideal mating, or as nearly so as is possible to procure, the next important step is to see that the young chicks when hatched, are given the best possible chance from the very start, for if there be any hindrance to their growth at any time, this is sure to spell disappointment when show time rolls around. As a rule, our best exhibition



Executive Building Tennessee State Fair, Nashville, Tenn., October 8-13, 1906.

HOW CAN WE BEST IMPROVE DAIRY CONDITIONS IN EAST TENNESSEE—Part II.

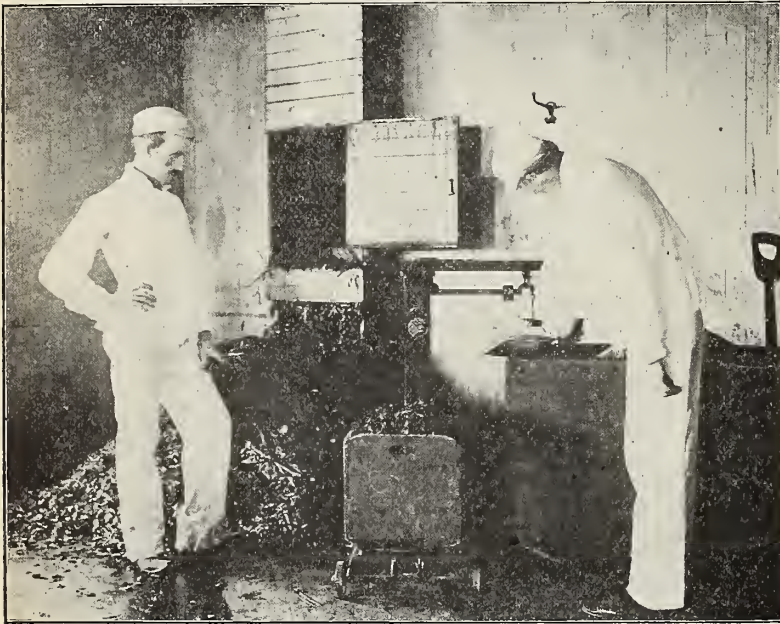
WRITTEN FOR THE INDUSTRIOUS HEN BY SAM BARNES, DAIRYMAN, EXPERIMENT STATION, UNIVERSITY OF TENN.

ONE of the greatest problems to the farmer in dairying is the successful feeding of a dairy herd. We should practice economy as much as possible. That is to say, raise as much of our own feed as possible and combine it in the best possible way. As to roughage, this is an easy matter, for we all know, or ought to know, that silage is about the best and cheapest roughage that can be had, that is for intensive farming and for winter feed. It can be made of almost any kind of green crops and fed to the cattle the year round. It generally costs less than \$2.00 per ton, and there is no waste to speak of. Silage can be supplemented with alfalfa, pea hay, or clover hay to very good advantage. The Experiment Station has made some experiments along this line, and has found that alfalfa hay is worth almost pound for pound as much as wheat bran, and cowpea hay is worth about two-thirds as much as wheat bran for feeding dairy cattle. The roughage problem is easily solved, but when it comes to concentrates it is more difficult. The farmer hates to go down into his pocket and

ground corn and oats it would be well to give your cattle at least one or two pounds of cotton-seed meal per head per day. This will add the lacking protein and thus narrow the ration, and it all comes back to the farm. In the summer time, if enough good pasture is to be had it is not advisable to feed very much grain, as there is nothing better than good green grass to make a cow give milk. In case the pasture is scarce, soiling crops can be used, such as rye, vetch, and alfalfa, in the spring, and sorghum and peas, with green corn, in the summer and in the early fall. Some dairymen contend that it is not necessary to feed grain with soiling crops, but we find it to be an advantage to give some grain while feeding these crops. It is to the advantage of the feeder for all roughness to be cut up fine so that there will be as little waste as possible; and then it handles so much easier in this form. I also think it best to grind all grain that is fed to the dairy cows. A gasoline engine for a dairy farm is almost indispensable, and one can be had at a reasonable price which will run your silage cutter, your feed mill, wood saw, threshing machine, or anything else on the farm. The farmer who can not afford to purchase an engine would either have to hire one or haul his grain to a mill.

Now as to the kind of product best to manufacture. This depends very largely upon the location, the market demand and the shipping facilities. If you are near enough to a large city it would be the most profitable to produce first-class milk and put it on the retail market. In selling milk in this way it should be what is known as sanitary milk; that is, milk produced and handled in a cleanly manner. We all ought to know that the more care that is taken with milk, the longer it remains sweet and the better it is for food. Be sure to have stables built so as to have plenty of light, and if it is necessary to have a hay loft over your cows, have the floor above built so tight that a minimum amount of dust will get through. Milking from the ceilings should be avoided. Milk is often contaminated by dust falling from the ceiling into the milk pail and that is the reason for using a covered pail and milking through a strainer top. It is always best, too, to have a cream separator of some kind to run the milk through as a clarifier. This might seem expensive, but you will find that it is very useful in

cleaning the milk, thus making it keep longer. I have found from experiments that from milk handled in the ordinary way, milked in an open pail from cows that have not been curried or their udders washed at all, the separator will take almost an ounce of dirt and filth from three gallons of milk. I do not mean to say by this that it is all right to produce filthy milk and then clarify it, because about half of the filth that goes into the milk is soluble and can not be taken out, but I think it best to run your milk through the separator even if it is produced in the most cleanly way, as this will insure its cleanliness and make it more acceptable for first-class trade. After the milk is thus treated, I would advise that you have it put up in sterilized bottles, and covered with pulp caps. Then it is ready for the market. This is the most satisfactory and cleanly way that retail milk can be handled. Of course the bottles and caps are of some expense, but they will attract a grade of customers whom you will not reach in any other way, and you will be able to obtain a better price for the milk. Then again, it treats every



Weighing the Rations for Dairy Cows, at Experiment Station, U. of T.

ton and wheat bran at \$22.00 a ton. He can't see how it will pay him, but there is a profit in it if it is handled in an intelligent way. There are several good combinations for grain rations, these to be suited to the immediate location. We find that the most economical ration for our particular location and condition is, silage 30 to 50 pounds, pea hay or alfalfa hay 5 to 8 pounds, wheat bran 4 to 6 pounds, and cotton-seed meal 2 to 4 pounds, per cow per day. Or, we find it an advantage to substitute alfalfa or cowpea hay for all or part of the wheat bran, thus giving the cows the same amount of protein but in a cheaper form. This ration might not suit all conditions, as some people might have plenty of oats and corn, which could be fed to very good advantage with some cotton-seed meal, using silage, and pea hay or alfalfa hay for roughness. Some dairymen use silage, pea hay, and clover hay without any grain at all, and get fairly good returns, but I think it advisable and profitable to use some concentrates, such as cotton-seed meal or wheat bran. Even if you use bring up cold cash to pay for cotton-seed meal at \$25.00 a

body alike and is the fairest way possible to deliver milk. I do not advise pasteurizing milk, for I think that the nearer we can keep the milk like nature produces it the better it is for consumption. Pasteurizing injures the palatability and also to some extent the digestibility, and unless the milk is dangerous from the health standpoint, I would not pasteurize it.

The next best method of dairying is a combination of butter and cream. Make a high-grade butter in the winter time, when you can get 30 to 35 cents per pound for it, and then sell cream in the summer time for, say, 60 to 65 cents per gallon. The advantage of this method is that you get the top prices for your product by putting on the market that kind of product that will bring the highest price at that time. Then, again, in this case you have the skim milk at home to feed to your calves and pigs; and the butter and cream do not remove much fertilizer material from the farm, so you are really building up your land all the time. Several uses can be made of this skim milk. It can be fed to pigs. For this purpose it is worth 20 to 25 cents per hundred pounds. It can be fed to milk cows, when it is worth about 15 to 19 cents per hundred pounds. And it can be fed to calves; or it can be made into buttermilk and sold for 5 to 10 cents per gallon.

If you are located too far from the railroad to ship milk, or cream, of course you can make butter the year round and establish a first-class trade that will pay you handsomely. This, of course, gives all the skim milk at home for feeding purposes.

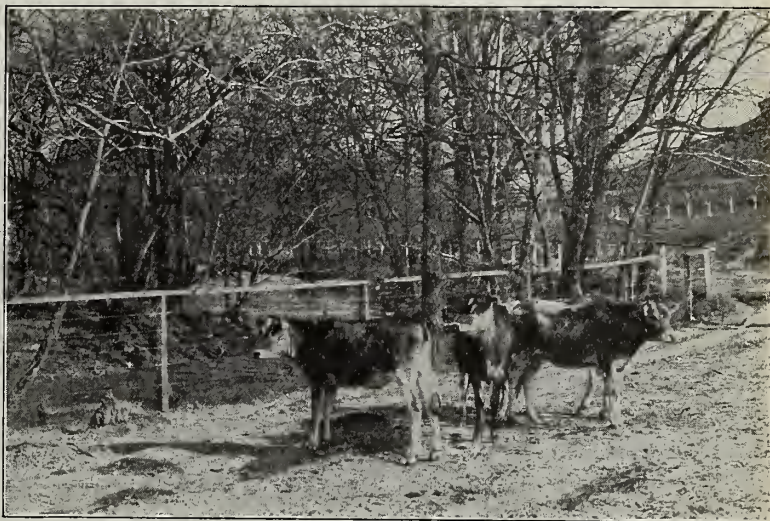
Another very satisfactory method of dairying is to have a central station, called a creamery, to which the dairymen haul their milk, sell the fat that is in it, and take home the skim milk. This is also a paying method if handled with intelligence, and will return to you \$1.00 to \$1.25 per hundred pounds, not counting the value of your skim milk. This plant can be run by a private individual or by a company of farmers on the co-operative plan. This has not been a success in this State, as I believe there is only about one real creamery in this section. But that is due to the fact that the farmers do not raise enough cows to produce milk to support a creamery.

As to a market for your product. There is undoubtedly market enough in the South for all the dairy products that will be produced here for years to come. There is almost always ready sale for first-class butter, cream, and milk; that is, after it becomes known.

One of the most important things in dairying is to put the product up in first-class style. Butter to sell well must be put up in packages that will attract attention by their cleanliness. Printed butter should always be in square prints, and neatly wrapped in parchment paper. The looks of the package goes a long way in selling the article. Take, for instance, a pound of poor butter that is neatly put up, and place it alongside of a pound of good butter shabbily put up; and nine chances out of ten the poor butter will sell first, because it looks better. I do not mean to say that this is the way to do, for the quality of the goods should always equal the looks, but this is to show you the advantage of neatness and cleanliness of package. It is the same way with anything else. So if you have anything to sell make it first-class, the best of its kind, and put it up in first-class style, and you will get a market for it fast enough. Not long ago a dairyman came to me and wanted me to examine his butter and tell him how to improve it. He said it did not sell well, and as soon as I saw it I knew at once what the matter was. The butter was wrapped in a dirty paper, and had been carried to town in a box which evidently had had salt pork in it, for it smelled very much like bacon. The butter wrapper was very dirty, and had not been soaked in hot salt water, as it should have been, and consequently the paper would not stay around the print very well.

That was all; but that was enough. The butter was no doubt at one time eatable butter, but it had not been properly cared for. Always have everything connected with the dairy and its products perfectly clean and bright. This not only makes the product better, but it keeps it better. And as I said before, keep your stables, cows, milkmen, and utensils clean, and your milk and butter will come very near being clean too.

Now, just a word about profits in dairying. The difference between the selling price and the cost of production of milk and butter is not all the profit there is in dairying. We have to consider the increased value of the herd from the addition of young stock; or we have to consider the sale of stock, etc. But last of all, let us consider the profit obtained from the manure. The dairy cow is a machine that takes in all kinds of forage crops and other food materials, and manufactures them into fertilizer for the building up of the farm. We haul in our silage crop and store it away for winter. In the spring it is sent back to the land again in the form of manure to aid in producing another silage crop. We haul in our corn and sorghum fodder, our pea hay, and our alfalfa hay, run them through the shredder and feed them to our cows, and the cows turn them into manure, which goes back on the farm. We



Down in the Meadow. At the Experiment Farm, U. of T.

buy wheat bran and cotton-seed meal and feed them to the cows. They produce enough milk and butter to more than twice pay for this food, and still we get enough manure from it almost to pay for it. You will find that the easiest and best way to build up farm land is by keeping stock, and turning everything that is raised on the land back to it in the form of manure. The manure from a herd of 30 cows is worth \$400 or \$500 per year if it is properly handled. Is not this also to be considered in figuring up the profits of dairying?

Now can't we make Tennessee the leading dairy state of the Union? We can if we try, and we don't have to do it for nothing for it is the most profitable kind of farming there is. We all know that a farmer to be successful must keep considerable stock. If he doesn't his land will soon run out, and why not keep dairy cows and let them grind up your forage crops and turn them into manure for your land, while they are producing milk and butter and making a good living for you?

No hen can be expected to lay, nor chick to grow, and support parasites. If your hens are not laying, why don't they lay? Nine times out of ten, the cause is that grafter, the mite.

The more the farmer will study the egg question, the more convinced he will become that the only way to make a profit is to have the hens comfortable.

HOW THE FAMOUS BARRED PLYMOUTH ROCKS ARE BRED AND RAISED BY C. H. DOZIER



JUST how healthy the young chicks are depends on the strength, vigor, and health of the parents. This I have in males weighing from nine to ten and one-half pounds each, females weighing eight pounds and upwards. They must be well cared for in the way of houses, yards, and last, but not least, feed. In the way of houses, mine are as good as the best, comfortable, airy and convenient, and kept as clean as a dwelling, not an insect of any nature can live where my birds stay. In my breeding pens, I have two compartments, one for roosting, and one for laying. In the roosting part, the dropping boards are sixteen inches above the floor, and located in center of room, roosts are eight inches above boards. This room is eight feet square with wood floor and well covered with nice clean hay in which is fed the grain, and the birds get plenty of exercise hunting for it. The laying room is the same size of roosting room. This floor is covered with fine sand to prevent droppings from soiling floors. In this room I keep water pans and water is supplied three times daily. I also have feeding pans in which I feed them mash once a day, small boxes are attached to side of walls in which I keep grit, oyster shell, charcoal and beef scrap before them all the time. These pens are cleaned up thoroughly once or twice a week, and sprayed well with some good liquid lice killer, so the four pens are always as sweet and clean as can be kept. Besides this convenience for the birds, they have a nice yard adjoining each pen sixteen feet wide by one hundred and twenty-five feet long. These yards are constantly plowed and sowed to mixed grain which gives them further exercise in working for the grain, and also furnishes them with abundance of fresh green tender grazing, which is their fondest pleasure, to say nothing of nutrition. Underneath each of these pens, which are sixteen inches above the ground, the birds have a dusting place eight feet by sixteen feet, in which they can lounge and dust themselves at will, which is so essential to rid themselves of any insects, and which nature teaches them dust will destroy. I use trap nests with sawdust for fillers, this keeps the eggs clean. By the trap nest system, I slowly but surely improve my breed every year. My mark is driven high up in the poultry world, and I expect, by close attention, and good breeding, to have as good, if not better, birds than are bred by any one in the South.

INCUBATION.

I use mother hen and incubators both. When biddie will not get broody, the incubator is forever ready and willing. Nothing will beat the old mother hen for raising little chicks; our God, who never made a mistake, fixed it so. However we can not do without the faithful incubator when we want early chicks. The eggs used for hatching, and for sale, are carefully selected every day, marked and dated, placed in turning trays, in a nice cool cellar, and turned every day to keep them fresh and in good condition for hatching. No egg is allowed to get over 14 days old. However, I have experimented with

eggs 35 days old and got a fine hatch, and produced healthy, strong chicks

BROODING.

I have a nice brooder house, planned and built by myself. Knowing what a task I had on my hands to take the place of mother hen, in giving little biddie a vigorous start in life, which is very necessary, to raise large healthy birds, I spared neither money or time in building every part of it for the little chick's comfort. It has four compartments, and will take care of 400 chicks until they are ready to move to their summer home. Each compartment is furnished with a good yard 10 feet by 100 feet. These yards are planted constantly in small seed, so that they are busy all the time hunting the kind they like best and getting all the exercise necessary to make them grow like weeds. My brooders are also home-made, made by myself, and the best I ever used; will raise every chick, with proper care and attention, which is very necessary with any brooder. As stated before, I can not do without mother hen, she is also well cared for in her separate yard in a wire front coop made so little biddie can run at large, come and go in and warm themselves at will, while the old hen must stay at her post of duty. The little chicks are fed with the best feed the market affords. I often hear of feeding them on stale bread; mine never get anything stale. I do not like the word stale, neither do I like stale food myself, and I treat my chicks like I would like to be treated were I in their place. Keep plenty of good, wholesome food, water, grit, charcoal and beef scrap before them all the time. Cleanliness, is one of my hobbies. I like everything clean, and it must be if you expect to be successful breeding chickens.

SUMMER—HOME OF THE YOUNGSTERS.

Look at the photograph and see if you see C. H. Dozier with his sleeves rolled up, and the 200 famous Barred Plymouth Rocks taking their evening meal, and ask yourself if that does not look like success. These youngsters are moved from their brooder quarters at the proper age, to remain until sold or assorted out for another year's breeders. They are, from time to time, culled, and culled again and again, until every one that does not suit my fancy is taken out. These I use on my table, and they are good; could sell them for a fair price but they seem to fill a vacant place on the table nothing else will fill. At this summer home, or where it is located, is a nice fruit orchard of about six acres of peaches, pears, apples, mulberries and grapes, besides it is sown frequently to mixed grain and furnishes them with an abundance of fresh, green grazing, and all the free range they need to take exercise. The pullets, are in these quarters, of which the oldest are five months and thirteen days, and I am getting eggs from them every day. Who can beat this? Echo answers none.

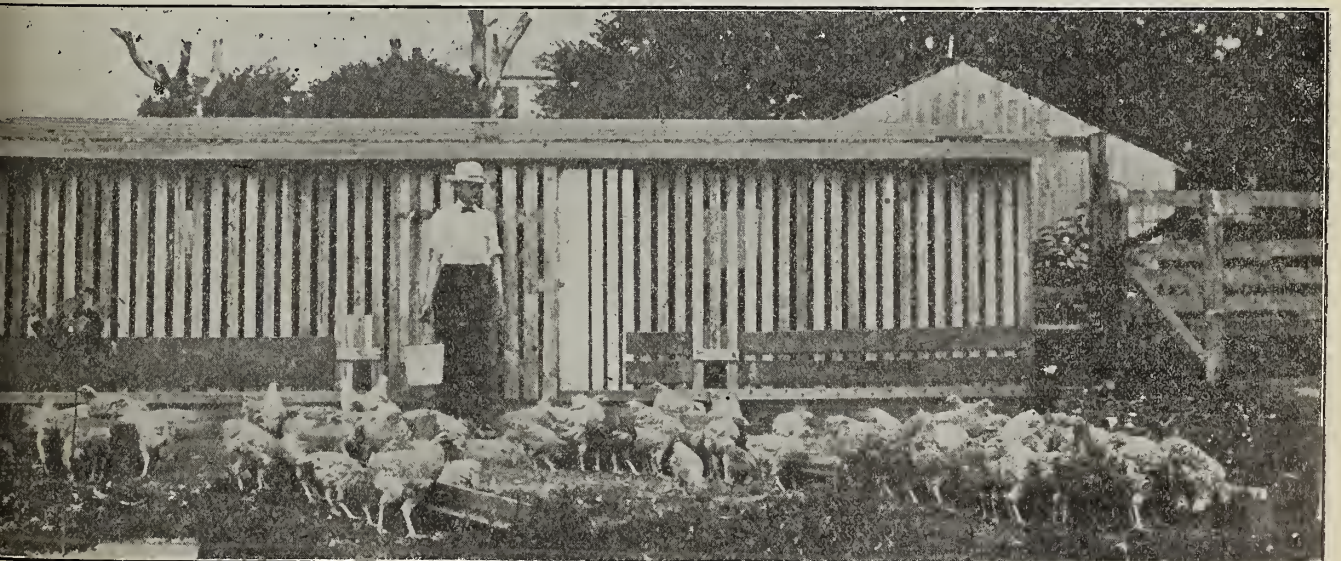
This orchard is divided into four yards of about equal size, with a nice house in each yard in which I separate the cockerels from the pullets, and the larger ones from the small ones, so every one can have an equal chance at the feeding trough. Water is piped from the city water supply and each yard has plenty of good, fresh water at will. They are fed regularly, have everything they want, and grow like weeds. Send me your order.



Breeding Pens where the Eggs are Gathered from which the Famous Barred Plymouth Rocks bred by C. H. Dozier, are Raised.



Brooder House of C. H. Dozier, where Little Biddie Gets His Vigorous Start—Yards are in Behind the Brooder House.



Summer Home, Where the Youngsters are Moved from Brooders to Remain until Sold or Selected for Breeding Pens, in Fruit Orchard of Six Acres.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter.

J. HOWARD SLEDD..... **Editor**

ADDRESS ALL CORRESPONDENCE TO

The Industrious Hen Company

617 GAY STREET, KNOXVILLE, TENN.

Vol. 3

AUGUST, 1906

No. 3

The Industrious Hen is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pitby are solicited. The Editor is not responsible and does not always endorse the opinions as expressed by his contributors.

WATCH THE DATE

On your paper and note the expiration of your subscription. Unless renewed before the time is out paper will be discontinued.

SUBSCRIPTION RATES.

Subscriptions 50c a year in advance—5c a copy—samples free. Knoxville subscriptions, 75c a year (when delivered by mail). Foreign subscriptions, \$1.00.

ADVERTISING RATES

Furnished on application. The value of *The Industrious Hen* as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertions in the issue of any month, should reach this office not later than the 25th of the month preceding.

Breeders' Plain Cards will be run at the rate of one cent per word each insertion. Numbers and initials count as words. No card taken for less than 25 cents.

The Industrious Hen reserves the right to reject any advertisement for cause.

In order that every reader of *THE HEN* may become vitally interested in my circulation campaign I am going to pay cash for every subscriber secured, and if you want to receive a check for \$2.25 for signing and handing to your friends 15 coupons, send for the coupons. I don't want you to send for them unless you will promise to sign your name to them, (which in no way obligates you) and hand them to your friends. If you can use more than 15 I will send them to you. As soon as they are returned to this office I will mail you a check for them as shown in my letter accompanying the coupons. Write now, saying how many you will use. A postal card will do.

* * *

When I, as editor of this journal, began to speak of the market side of the poultry industry, it was predicted by those who claimed to know that such a course would be disastrous to the best interest of the paper. I did not think so and have yet to see that it was or is so. The journals that for years have been studying the "fancy" side of the proposition now have long and exhaustive articles on the practical value of the fowls. That a bird can be a prize winner and at the same time of commercial value as an egg producer is true and it is being recognized by the entire fraternity that fuss and feathers is not all that is needed in pure bred stock. It is the man who has the pure bred bird with the power to transmit its producing qualities to its offspring that is making the sales and whose stock is coming to the front. I am an ardent admirer of the beautiful in nature and in all animal life and I know that the beautiful and the useful can be and have

been so blended in fowls that there is no reason for not keeping up the combination save ignorance as to the laws of good breeding and where this ignorance prevails it can be and will be overcome by the persistent and painstaking care of the poultry press and the various experiment station bulletins that are going out as educators of the people. The lack of this information has no doubt retarded the growth of the industry and hindered the blending of the commercial with the fancy, but that time will soon be past and the future showman will tell you when he shows you his winning hen that she has a record of so many eggs per year and that her mother before her had one that was the envy of the entire neighborhood.

* * *

It is evident to the observer of current events in the poultry world that there is coming and is now a very decided demand for unity and co-operation. The various correspondents of *THE INDUSTRIOUS HEN* in the articles that are being published show conclusively that there is this need. I have been and am a strong advocate, perhaps to my own injury, of the use of home talent in the persons of our judges and I see no reason for changing that position. It is simply a matter of opinion and my own opinion is that we do both the Southern breeder and the Southern judge an injustice when we relegate the judge to a back seat. Individually I believe that it would be to the best interest of the entire industry if it could be so arranged that the Southern man went to the other sections of the country and we could have a general interchange and commingling of the people from the various grand divisions of the country.

* * *

Before this issue reaches you I shall be in Detroit on duty. I go with a full knowledge that the work done there will result in good or evil to the fraternity at large as the action of that committee is wise and just or tempered with petty strifes and bickerings. The personnel of that committee is such that the best is to be expected from it and I doubt not that wisdom and prudence will prevail. Our needs in this section are known to all men and yet we can not hope to see those needs met until we, of ourselves, get on a common platform that shall be for the good of the entire country. We need to recognize our own imperfections as well as our excellencies and then get to work to remove those imperfections and exalt the excellencies. It can only be done by harmonious working and this will be brought about when we become a little less selfish and each one is willing to let the limelight shine, if need be, a little brighter on his neighbor than it does on himself. These columns will have a full report of what that committee does.

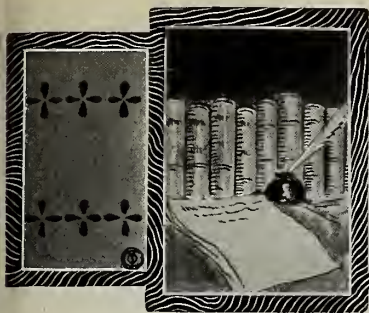
* * *

The way my friends are lending a helping hand and at the rate new subscribers are coming in from all over the United States it will not be a great while till *THE INDUSTRIOUS HEN* can boast of the largest circulation of any like journal in the country.

On to 50,000 Subscribers.

At considerable sacrifice of time and labor I have succeeded in getting together a line of journals for clubbing purposes and at a rate that makes the proposition very attractive to say the least. I want every one who reads this paragraph to look up the special offer in the back of this issue and see for themselves. I want every subscriber, whether his time is out or not, to look over this list, and renew his subscription right now. Don't wait until the paper has been discontinued. Your renewal sent any time will be credited from the time your subscription expires. I dislike to cut any subscriber's name off the list, but on account of the great expense connected with the publication of *THE HEN*, I am compelled to collect for all subscriptions before the name is put on the books. If I can get one moment of the time of every one of my readers to do a little work or say a good word—such as *THE HEN* deserves—I will soon have the 50,000 subscribers.

J. HOWARD SLEDD, Editor.



EDITORIAL CORRESPONDENCE

For the first time in some months I ran away from the desk and took a flying trip to Bristol, Johnson City, and Russellville, a few days ago. The cares of the office were laid aside and with my mind made up to see all that I could of the prospects for a big bunch of chickens for the coming fall trade I was off, via the Southern Railway. At late bedtime I found myself in the "Border City" and felt the influence of the breezes from the green hills of old Virginia.

I was not long the next morning in finding M. D. Andes, the Adams Bros. and others, and from them I gathered that the industry in and around Bristol was flourishing. That in the production of market poultry and eggs it was taking high rank and that when the train that is run by the Southern Railway was being made up it was with a crowing and a cackling that would astonish one not accustomed to the sound. As to the exact figures, the commercial data, that was not easily obtained, for the several shippers could not with any degree of accuracy tell, or rather preferred not to tell, just what the business amounted to. The promise of these statistics from the railway was the best that could be had for this time. In the fancy industry the gentlemen named assured me that there was a growing interest and that this interest would manifest itself in one of the best shows ever held in East Tennessee. They are located so as to draw from not only Tennessee but from Virginia and the Carolinas and I predict a great show for them. These gentlemen are breeders of repute and also advertisers in our columns and they have yards full of handsome youngsters. Business matters kept me from visiting their yards, and prevented the seeing of others engaged in the business. At some other time I hope to see them when I shall be able to get out among the flocks. I caught a train and was soon at

JOHNSON CITY

where I was met by my good friend and brother poultryman, Walter J. Hunter, who kindly took charge of me and soon had me in his carriage and out to see what the thriving little town had to show. First we rode around and took a view of the various yards of those men who are doing so much to advance the interests of pure bred poultry in this state. At Hunter's home I found a handsome bunch of White Leghorns and he told me of his success in breeding, and the yards told it even had he kept silent. From a small flock of hardy, vigorous birds he had reared something over two hundred young, besides selling innumerable settings of eggs and supplying the table with all that was needed. Hunter is a man of energy and looks at the business as a business man. Eggs for market and then good stock for breeders is his motto and he is winning out. Over to that veteran's—H. C. Austin—we went and there, sitting in comfort on his porch, with the limpid waters of a mountain stream running by, we found him and his five hundred young Black Langshans. With Austin it is and has been a business proposition for the past number of years and he is demonstrating that it can be made a paying one when brains and energy are used to make it so. There are no fancy 'fixins' at Austin's, but the most simple and inexpensive of arrangements and yet the birds keep "laying right along" and the chickens are always getting ready either for the market or for the breeding pens. I did not have the pleasure of seeing

either Mrs. Martin or Mr. Ellsworth, as they were absent on their summer outings, but I did catch a glimpse of a handsome bunch of your stock at both places. Patton was getting in shape to move to Jonesboro, the confinement of the drug store has told on his system and he is going to get back his health by going to the chicken farm, where he can get the smell of fresh air and the necessary exercise to make him feel that sleep is a blessing. With the foundation stock that he has he will win out and make a success of the enterprise as he has done of other things. It was rather surprising to hear these gentlemen talk of the commercial aspect of the business and to be carried down the street and allowed to enter an establishment where they were killing and shipping something like a ton of fryers every day. The birds were soon killed and in the hands of boys and men, were soon denuded of their feathers and made fit for the packer. It will be a surprise to many to know that Johnson City has such an establishment and that the business now approximates \$150,000 a year is growing rapidly and the prospect is that it will be doubled the present fiscal year. Then they discussed a show for their town this fall, and the indications are they will have it and that much prominence will be given the commercial side by offering prizes for the best dressed fowls and best eggs and things of a like character. And then they had a heated discussion as to the merits and demerits, the rights and the wrongs as they viewed them, in regard to the action of so many Southern shows in the employment of judges and the fixing of dates, etc. It was a trip that will long rest as a green spot in memory. I was next off to

RUSSELLVILLE

where I found the ever genial Bayne. It was not long before I was comfortably ensconced at that delightful home and the "wee sma' hours" found us still busy talking chicken talk and laying plans for the betterment of the industry as we viewed it. Bayne is fixed to raise those wonderful egg producers of his. Houses and yards are scattered through the groves and over the hills and in the shade and the sunshine, with the attention that can only be given by one who thinks, they are producing results at the egg basket and in the show room. I was not surprised at his success when I had had the pleasure of a social conversation with his helpmate. Studious, discriminating, and discerning, with the best interest of her husband and children ever before her and a firm believer in the stamp of personality and that fixedness of purpose and determination to do will accomplish that which we desire she has imbued Bayne with the same spirit of success and they are bound to win out. It had been my purpose to run over from Bayne's to Morristown, but the heavy rain of Saturday afternoon precluded even a suggestion of such a thing, but I learned from mine host that Morristown is doing a business of over a half million a year and that they too were looking into the advisability of a show the coming fall. Spending the better part of the Sabbath with this happy household I was back in the "Queen City of the Mountains" by bedtime and Monday found me again at the desk and grinding out copy for this issue of THE HEN.

To each and all I am indebted for courtesies shown and kindnesses extended.

POULTRY POINTERS

WRITTEN FOR THE INDUSTRIOUS HEN BY PLUMMER McCULLOUGH



AUGUST is one of the hottest months of the year, and poultry has the same clothes on now that it had in winter. How would you like to wear your winter clothes these hot days? I presume you would not like it very well. You should remember that the old as well as the young stock should have special care this hot weather. Don't forget the water, for it is astonishing how much water fowls will drink in the hot summer days. You should keep fresh water before them all the time. Grit, charcoal, oyster shells and a box of bran will help keep them in good condition. I would not advise feeding much corn as long as the weather stays hot. Oats is better and will keep them in fair condition.

You should keep lice away as they will soon destroy a flock of chickens. Did you ever stop to think how necessary it was to give your fowls lots of sunshine? Of course there is not much danger but that they will get plenty this hot weather, but they could not get along without it. Very few people realize how necessary it is to give their fowls plenty

of sunshine. While shade is a very good and a necessary thing our fowls should not be compelled to stay in the shade when they want to be and should be in the sunshine. I remember once seeing a pen of fowls kept under a barn bridge where the sun never shone. These birds lost in flesh and I don't think they layed more than a dozen eggs while they were in there. After they were turned out the cockerel and one hen never regained their health and were never worth five cents for breeding or show purposes. The cockerel seemed to be "light headed" and he and the hen both took something like tuberculosis. This, I think, was all principally caused by this damp, dark dungeon where they were kept. Take for example, a little plant. It will, when in the window, have its face turned toward the sun all the time. You take it to the cellar. How long will it live? For some time the roots will live but the plant will soon die and lose all vitality. It is the same way with poultry. To be healthy they must have sunlight and lots of it. While they should have a shade tree to go under when they feel like it they should not be forced under by any means. Remember this and don't try to shut the sunlight out.

"A PROTEST"—APPROVED

WRITTEN FOR THE INDUSTRIOUS HEN BY W. H. HARDIN

THE July issue of your most excellent paper has a most timely article from the pen of Mr. R. I. Haley, "A Protest." Certainly the great rank and file of our Southern breeders would unanimously endorse the sentiments as expressed by Mr. Haley, if only they could be made to realize the great injury they are doing the Southern poultry industry, by ignoring our Southern judges. It is a plain case of short-sightedness on our part, brother fanciers, and the sooner we change our tactics the better. part, brother fanciers, and the sooner we change our tactics the better.

We have half a dozen or more thoroughly competent judges here in our Southland; men of unquestioned honor and integrity, of whom we have just reason to be proud. These gentlemen are among the pioneers and have been unremitting in their efforts to promote the welfare of our Southern Poultry Associations.

As Mr. Haley very properly states, all of these men are well fixed financially, and have sufficient business interests outside that of judging poultry, to yield them an adequate support; hence, with them, it is largely a labor of love. They are all enthusiastic poultrymen, who have spent both time and money in fostering the poultry industry in the South, and I, for one, am unable to conceive of any reason why our Southern Associations should pass them by for judges from other sections. Brother fanciers, this ought not to be, and it seems to me, the time has come to call a halt. "Actions speak louder than words," and there is no earthly use in our boasting of the competency of our judges, or the superiority of our stock, until we have evinced by our actions that we mean what we say.

The idea seems to have become prevalent in the minds of many of our Southern breeders, particularly the amateur class, that in order to procure strictly high-grade birds, either for exhibition or breeding purposes, that they must go beyond our borders. To all such, permit me to say, you are making a great mistake. In no other section of the United States are the climatic conditions so favorable to the growing of fine poultry,

as in our sunny Southland, and birds bred by our leading Southern breeders are equal to the best. The following letter from one of my recent customers, proves conclusively the correctness of this assertion:

FOX HALL POULTRY FARM.

Norfolk, Va., January 10, 1906.

Mr. W. H. Hardin, Supt., Valle Crucis, N. C.

Dear Sir:—The 50 White Leghorn pullets arrived yesterday in fine condition. You know I am an expert breeder of S. C. White Leghorns, having worked on nearly all of the largest Leghorn Farms in the world, and I must say that these pullets you have sent me are without a doubt the best lot of birds that I have ever seen from the yards of any breeder, regardless of price.

At the same time I ordered the birds from you, I placed an order for 50 birds each, with five of the "Crack" Leghorn breeders in New York State, but out of the entire 250 birds received, there is not one that will anything like compare with the birds you sent me.

Thanking you for your honest treatment, I am,

Yours for future business,

CHAS. AINGE, Manager.

To revert again to the question of judges. I do not wish my remarks to be construed in the light of a reflection on the ability of any of the judges from other sections who have been employed to judge our shows in the past, but I merely wish to remind those who have relegated our own men to a second place, that they should hereafter manifest a greater spirit of loyalty to those of the craft who have "borne the burden and heat of the day."

I am in no sense a sectionalist, but I am a partisan. To better express it, in the words of Brutus, "not that I love Caesar less, but Rome more."

It seems to me that every man should have a just pride in his section and in the men that make the section, and in so far as I am individually concerned, anything that even savors of a turning down of those in our midst goes decidedly against the grain.

If you have an old iron vessel that is suitable, put the water in it. Iron rust is good for chickens. Fresh water should be given every day.



FARM AND GARDEN



Silos are Needed.

A dairy farm can scarcely get along without a silo, and it is almost as badly needed on any farm, although dairy cattle can probably make the best use of the silage. In the beef-herd the feeding of silage means sleek coats, freedom from insects, and splendid thrift in the spring with the animal in good shape to go on grass, whereas, when silage or some other succulent grass is not fed, it takes a month or more for the animal to get used to the change from dry feed and get ready to make valuable gains. The time will come when a silo will be considered necessary on any farm where cattle are kept.—*Wisconsin Agriculturist*.

Good Use For Orchards.

If you have an orchard over ten years old in which you have not replanted young trees, you can put it to no better use than to plow it up between the rows, being careful not to go too close to the trees, and after preparing the land sow broadcast or in drills any one of the following field peas, whippoorwill, clay, black or mixed seed of all three. After they are matured turn your hogs in on them and you will kill two birds with one stone; fatten your hogs and clean up all fruit that has fallen from the trees, destroying the insect pests that may be in them and all spotted or decayed fruit. The orchard should be under a good fence, preferably of woven wire, with meshes small enough to keep small pigs from getting out.—*Exchange*.

Advantages of Country Life.

There is a law in Germany requiring every citizen to spend three years as a soldier in active military service. The purpose of this law is to furnish material for a great army of national defense. It would be better for Germany, and well for every country, if there were a law requiring each citizen, male or female, to spend at least three years, between the ages of twelve and twenty-one, in manual labor on the farm. If the dudes and degenerates, the victims of alcohol and opiates, the weak and the nervous, those who can not eat and those who can not sleep, could all in early youth have lived in the country and worked on the farm, could have experienced the joy of fatigue from daily labor in the open air and sunshine, the satisfaction of work accomplished, the invigoration of natural sleep, the sweetness of food and drink taken only in response to hunger and thirst, the inspiration of contact with mother earth, of communion with sky, and stars and clouds, of sympathy with grass and flowers and the humblest creeping things, of knowing and loving little animals, the friends and servants of men, of drawing

closer to God by living closer to nature, the world would be spared much of the disease, the vice, the crime and the misery that it now endures. If the human race in its degenerate state, is ever to be regenerated, it will be by life in the country, and toil on the farm. The man with the hoe is the primal man, the fundamental man, the man from whose loins must spring a vigorous, regenerated race.—*President George T. Winston*.

Farming in the Schools.

This movement for the introduction of agriculture into the schools seems to be a sane reaction timed to meet a great need. As a matter of fact, there is no dearth of agricultural knowledge. The work done by the United States Department of Agriculture is good in quantity and quality, but it does not reach the farmer as a class. The same may be said of the work of our agricultural colleges and training schools. There is needed a connecting link between the work done by these and the people for whom it is done, if it is to be made generally available. The farmer lacks not so much in intelligence along these lines as in interest. The development of this essential interest in things out of doors may well be entrusted to our schools under competent supervision. The basic facts of the relations of the plant to soil, light, heat and moisture are probably no more difficult to teach or to learn than is the "rule of three," the extraction of cube root, or the conjugation of a verb. Such work as this, always considering that it is limited by common sense in the presentation, will enrich any course of study, whether intended for use in city or country, for it comes within the category of things which every one should know. They are cultural as well as agricultural.—*Edward Hughes in Sunset Magazine for April*.

Write It Down.

Put every business agreement in writing and never pay a bill without taking a receipt for it. This may save serious misunderstandings and an infinite amount of trouble. Men's memories are treacherous, but a writing does not change. Whenever you hire a man put down the date and terms in your note book and if you buy or sell an animal with a warranty write down the exact words and have them signed. This is a protection which anyone can ill afford to neglect. It is not doubting a man's word to ask him to put it in writing; it is only protecting yourself so that your partner, wife, children or administrator could attend to your business affairs with a clearer understanding and better results if the necessity should arise.—*Farm and Home*.

Why should not the farmer feed his own crop to his own cattle, sheep and hogs and market them himself? They can feed them at less cost than anybody else get their market value when sold and have the benefit of the manure which will constantly be increasing the fertility of the soil and adding to the value of the farm.

As farm lands increase in value a better system of farming will be adopted. The cheapest thing in the South is farm lands. Lands of equal productive capacity north of the Potomac and west of the Ohio, sell, when they are for sale, from \$100, ranging to \$400 per acre, without having the advantage of our favorable climate, and in the South they can be bought at \$10 to \$25. In no other country are such inducements offered in farm lands.



A Typical Rhode Island Red Hen and Her Brood of Chicks. The Property of Dr. J. H. C. Winston, Hampden-Sidney, Va.

What Do You Think of Corn?

WRITTEN FOR THE INDUSTRIOUS HEN BY
J. E. CONVERSE

Why does the farmer think so much of the corn crop? Why does he never try to farm without raising corn? Has corn a value above any other crop? Should corn be placed first? If so, why?

Corn should be given a leading place on the farms of Tennessee because of its real merit. In judging some important items must be considered. Now these items are its adaptability to the soil and climate, its uses and its yielding power. There are crops (sometimes called weeds) which are adapted to all soils.

Corn has probably a greater variety of uses than any other crop grown in Tennessee. It is sown broadcast for green feed and hay, it is drilled and hilled for feed, grain and silage, it is used by all, from the humble one horse tiller of the soil to the retired millionaire who is farming for health or pleasure.

Corn has a yielding power which when properly stimulated would be an eye opener to a farmer who takes the census report as his guide.

The yields of corn vary from below the census report to about 100 bushels per acre, with a corresponding variation in yield of silage running up to 10 or 18 tons per acre.

These and many others are the reasons for corn being the first crop of the state. But are they sufficient to cause the farmers to grow corn to the exclusion of all other crops? Are these reasons enough to throw dust in to the eyes of the agricultural public? They are blinding many farmers until they are unable to see the merits of many other crops.

But this dust is and has been settling for some years as the farmers are slowly brought to realize the fact that any one leguminous crop grown continuously on the same land will impoverish it, and sooner or later this crop farming will become unprofitable and it has already become so in many sections. And the farmers are seeing the good in diversification and rotation. Some have tried the cowpea with the hope that it is the cure for all farm ills. If it were what it is represented by some to be, it would cure all the ills any farm ever had or ever will have. Its advocates say: "You can grow four tons of hay per acre, cut it off and leave the land in better condition in every respect than it was before." They forget that it takes a good deal of plant food from the soil to make these four tons of hay. They say cowpeas are a leguminous crop, they have modules on their roots and gather nitrogen from the air. The cowpea does gather nitrogen from the air, but where does it get phosphoric acid and potash and does it not take a great deal of nitrogen away in its vines? Does it gather much more than its vines contain?

No, it does not improve the soil in every way. It does take phosphoric acid and potash from the soil and does not leave much nitrogen, if the hay is sold. If vines are turned under or hay fed and manure returned it is better.

There are other crops worthy of the consideration of all Tennessee farmers.



Buy Your Fruit Trees Direct from Our Nursery and Save Agent's Commission

We have a general line of all kinds of fruit and ornamental trees. Our Nursery is free from San Jose scale. Send us a list of your wants and we will quote you our very best prices. **Apple, Peach and Mulberry Trees a specialty**

Knoxville, Tenn., July, 1906.

Dear Reader:

We have bought the Russian Mulberry and plum trees from the Robbins Nursery Co. for our poultry farm, and we think every one who is in the poultry business should have mulberries and plums for their chickens. We can highly recommend the Robbins Nursery Co. to any one who should want to buy anything in fruit line to be an honest and reliable firm. Yours truly,

The Industrious Hen.

Robbins Nursery Co.,

R. F. D. No. 2, Powell Station, Tenn.

WHITE PLYMOUTH ROCKS

(EXCLUSIVELY)

Farm Raised, vigorous birds from the best parent stock obtainable

I have some choice **B. P. Rocks**, breeders and young stock, at prices that will move them. These birds must go.

I shall only breed the Whites in the future.

D. P. Walker

Route 1

Sweetwater, Tenn.

MAMMOTH BRONZE TURKEYS

B. P. ROCK CHICKENS AND POLAND CHINA HOGS

"Goliath," at 19 months old, weighed 48 lbs., scored 97½ points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 9.95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906. Six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros and Sid Conger strain direct. Eggs in season. Turkey eggs from 17 to 18 pound pullets, 50c each, or \$5.00 per dozen; from 19 to 21 pound prize winning pullets \$1.00 each or \$10.00 per dozen. Chicken eggs \$1.50 per 15. Patronage solicited and everything guaranteed as represented. For further information address

MRS. J. C. SHOFNER, R. F. D. No. 1, Mulberry, Tenn.

THE GAINES WHITE PLYMOUTH ROCKS

BRED TO WIN—AND DO IT

You would probably buy the Gaines White Rocks if you could take them in your hand and see their immaculate white plumage, their unusual beauty, style and vigor.

ONLY 50 BEAUTIFUL COCKERELS LEFT FOR SALE.

10 of them sons of Bob and Alice White. No more Females for sale this year.

Send for FREE Circular, which gives a list of my winnings.

If birds I ship do not please you, return them **AT ONCE. YOUR MONEY BACK** and I stand express charges **BOTH WAYS.**

E. H. Gaines, Prop'r, GAINES' POULTRY YARDS, Gaffney, S. C.

SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas, Buff and Barred Plymouth Rocks, R. I. Reds, Part-ridge and Buff Wyandottes, Brown and White Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 43 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Part-ridge Wyandotte ckl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

FORBES POULTRY YARDS NEW DECATUR, ALABAMA.



HOME OF THE CHAMPION PRIZE WINNING BROWN
AND WHITE LEGHORNS, BARRED ROCKS
AND WHITE WYANDOTTES

Montgomery, Dec., 1905, Grand Sweepstake, \$50.00 for two highest scoring pens in show, Silver cup for ten best Brown Leghorns. Alabama State Fair, October, 1905, Special for ten best Leghorns in show. Birmingham, 1904, Special for ten best Leghorns in show. Montgomery, January, 1905, Silver cup for ten best Leghorns. Huntsville, 1904, Special on display. At five shows won over 100 prizes.

Stock for sale EGGS \$1.50 per 15. Agent
for Conkey's Roup cure and Cornell Incubator
and Brooders.

Hope's Great Jewelry Store

Is one of the most complete establishments of its kind
in the South Established 1868

Our Sales Department has every case crowded with the finest, newest and most attractive Jewelry, Gems and Watches.

Our Manufacturing Department is prepared to repair the finest imported and domestic Watches, Jewelry and to reset Gems.

Our Copper Plate Engraving executes all orders in correct and elegant manner. Our Optical Department enjoys the most enviable reputation. IN EVERY DEPARTMENT we are constantly filling MAIL ORDERS from all sections of the South. Write us when in need of anything in our line.

HOPE BROS., 519 Gay St., Knoxville, Tenn.

Rogers Breeds the Winning Buff Rocks

Fine in Color. Up on Weight. Eggs \$2.00 per Setting.

WALTER ROGERS, - - - Cleveland, Tenn.



Agents wanted.

THE ONLY NEW THING IN INCUBATION

A limited edition of a new book on scientific incubation is now ready for distribution. A copy will be sent you on request, accompanied by your business card. This book explains the theory and construction of the only incubator ever made capable of producing a continuous hatch. Mention THE INDUSTRIOUS HEN.

HACKER INCUBATOR AND MFG. CO.,

3104-12 N. Jefferson Ave.

St. Louis, Mo.

GIDEON O. HARNE'S MINORCAS

The World's Undisputed Champions, Developed by Careful Selection from Foundation Stock of First Prize Winners. Bred for Vigor, Beauty of Shape and Laying Qualities, True Winners of the Blue.

Greatest winners at the Great Hagerstown Show, 1904 and 1905, where I won in 1904 more prizes than all other competitors combined, including the Silver Cup for Best Minorcas in the show, and again in 1905 in competition with World's Fair Winners I won the 1st, 2d, and 3d Pens, 2d and 5th Cocks, 3d Hen, 5th Pullet and 5th Cockerel in Blacks, including the Silver Cup for Best Minorca Pen in show, also Cornell Special; in Whites I won 1st and 2d Pens, 2d and 5th Cocks, 2d and 3d Pullets, and First White Cochins Pen. Therefore Don't Waste Money and Time as well on cheap stock, but begin with the best by placing your orders with me for anything in Black or White Minorcas, Buff or White



Cochins, White Leghorns, and White Plymouth Rocks. Place your order quick and avoid the rush.

GIDEON O. HARNE,

V.-Pres. Black Minorca Club for Maryland

Box 138, Wolfsville, Md.

though there are none that will take the place now held by the corn crop.

There are other crops which if used in rotation will increase the yield and increase the profit of the corn crop, and will also increase the profit on the farm as a whole by enabling the farmer to grow larger crops and keep more stock at more profit.

High-Grade Eggs.

The demand for high-grade eggs is steadily increasing year after year, and although receipts have shown slight gains there has never been a sufficient supply of high grade fancy eggs in winter to appreciably lower the price.

No other branch of the poultry business offers such opportunities for making fair and certain profits in return for honest, sensible effort. There are many men in the east who started small and have in the course of a few years built up egg farms that are now paying them comfortable incomes. There are very few farms that are not suitable for the development of an egg-producing business, and the matter of location is of less importance than the disposition to persevere in the undertaking and hustle and hustle for business on the part of the man at the head. With the transportation facilities which now makes the city markets accessible to the country towns and villages, there are very few places where eggs can not be profitably produced and shipped to the large markets even when at considerable distances from the producer.

Eggs can be more easily packed and shipped than almost any other farm product. To secure a good trade the chief requisites are to establish a reputation for producing first quality eggs that are strictly fresh and to be able to deliver the goods. The man who only makes occasional shipments and then of indifferent quality or poorly graded will never make a success in the egg business.

If the producer will take pains to establish a reputation for quality and maintain it with high grade goods, he can rest assured of the fact that the consumer will tend to creating a demand for them.

The poultryman who is slovenly about his work, slovenly about his houses and everything connected with the chicken business, will never get the cream of the business, but will have to be satisfied with a "skim milk" proposition, and while the other fellow is getting fat on the cream our slovenly fellow is getting thinner every day both in pocketbook and ambition. The business train does not stop at "Something for Nothing" station, nor even is it a "flag" station, but is an express bound for Hustleville.—N. A. King, in *American Poultry and Advocate*.

Don't bother about utility, eh? Why does the fancier lay so much stress then on the fact that his hens have made trap nest records? Why does the Standard require a weight specification for both cocks and fowls in the show room when they are to be judged? Does the farmer ever have his cockerels of his flocks of cross breeds reach the same weight at the same age as those raised by fanciers? It is the pure bred poultry as bred by so-called fanciers that has put so much utility on the breeds. Beauty and utility should be a combination inseparable with the great majority of breeds.

Bee-Keeping: Its Pleasures and Profits.

Bee-keeping may be divided into two periods, and for the sake of convenience we will call these periods ancient and modern. The modern is not so in the sense that we usually apply the term modern, but in the year 1852 the Rev. L. L. Langstroth invented the movable frame hive, and this so revolutionized bee-keeping throughout the civilized world that it marked a new epoch in the industry, and the industry since that date is certainly entitled to be called modern, as compared with the industry as it existed prior to that time. Before this time the millions of colonies of bees scattered throughout the civilized world were in hives with stationary combs, and but very few people understood what we may call the mysteries of the bee-hive, but not so now. With movable combs the bee hive is an open book, and never was fiction more fascinating than this book, but this part of the subject will be reserved for some future time.

With the advent of movable comb hives came a new impetus in bee culture, and the industry soon assumed proportions undreamed of before. Men of talent, industry and enterprise entered the field, and the fields of honey were fabulous, as compared with the yields before. Where hundreds of pounds had been gathered before, tons were gathered now, and good livings, if not fortunes, were procured from this source alone. The spread of the industry was accelerated by the publication of bee journals and books and other literature, in which were found complete instructions to the beginners and reports of the successes of those of longer standing in the industry, and the manufacture of bee supplies, which included hives, frames, extractors and other devices and instruments used in the bee yard, became quite an industry within itself.

Today there is not a State in the Union, and perhaps but few counties in any State, that is not utilizing the new inventions and basking, to some extent, in the sunlight of modern bee-keeping. The figures on this industry, as given out by the census bureau for the year 1900, are both interesting and instructive, and show to what extent the industry, when taken as a whole, has grown in the country, and from them, by a simple calculation, we can determine, with approximate certainty, the profits to be expected on the capital invested.

On the first day of June, 1900, according to these figures, the aggregate value of the bees in the United States was \$10,186,513, and the value of the honey and wax produced in the United States in the year 1899 was \$66,664,904.

These figures show a gross profit of more than sixty-five per cent of the capital invested, and knowing, as we do, the very small incidental expenses attached to bee-keeping, the net profit must be extraordinary, and justifies me, I think, beyond question, in my assertion that the profits in bee-keeping are larger on the capital invested than are the profits on any other line in farm pursuits, or in any other pursuit, for that matter. It is perfectly safe to say that, with reasonable care, bees will pay a net average

SUCCESS WITH POULTRY

There is no success with Poultry unless your Foundation Stock is the Best.

THE PALACE POULTRY YARDS

J. T. SNELSON, Proprietor.

Breeders of High Class Black Minorcas, White Minorcas, Buff Rocks, White Rocks, Barred Rocks, Buff Leghorns, White Wyandottes.

BIRDS FOR SALE

EGGS IN SEASON

We have a fine lot of Homer Pigeons for Squab Raising. Prices on Application.

Ours is the largest and most extensive Poultry Plant in South Carolina. It will pay you to visit our place.

Congress and Sumter Sts.,

CHARLESTON, S. C.

DON'T
BUY...

TRAP NESTS

Without first writing for the Catalogue of SUPERIOR TRAP NESTS

To J. A. BICKERDIKE, "The Trap Nest Man"

Box H, Millersville, Ill.



BROWN LEGHORNS

First Cockerel, Second Pen, at the World's Fair, St. Louis, Mo.

Over 200 regular and special prizes at fifteen great shows. Eggs \$2.00, \$3.00 and \$5.00 per 15. Free circulars on Matings and Show Record.

E. E. CARTER, 967 Broadway, Knoxville, Tenn.

White Plymouth Rocks (Exclusively)

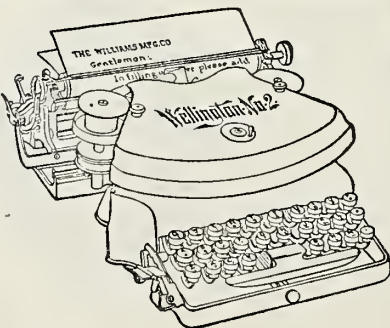
Hardy, Vigorous, Farm Raised. Stock and Eggs for Sale. Eggs \$2 per Setting

JOE KNOTT, R. F. D. No. 2, Knoxville, Tenn.

WHY NOT

Come to the fountain for your stock and eggs? My winnings at four shows, including Atlanta, Ga., 40, and 16 first, more than all of my competitors. Eggs \$3.00 per 15, \$5.00 per 30. Some fine cockerels and good breeding pullets for sale. Address the

PARTRIDGE WYANDOTTE PARK, Lock Box 74, Burlington, N. C.



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Simple, Durable, VISIBLE WRITING
PERFECT ALIGNMENT

"We make the statement positively that they are absolutely the best, excelling all others in simplicity, durability and accuracy; we are using 75 of them in our Philadelphia and New York Stores. They have our unqualified endorsement."

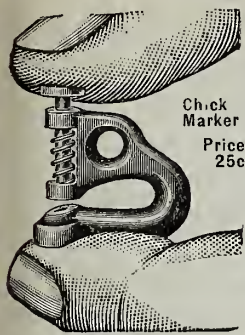
—John Wanamaker

Sold and Guaranteed by

KNOXVILLE STAMP CO.
KNOXVILLE, TENN.

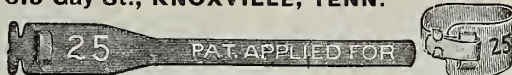
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615 Gay St., KNOXVILLE, TENN.



Chick
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Price
25c

Your
Orders
Will
Have
Prompt
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tion



Pat. Dec. 23, 1902

Champion Leg Bands
12 for 15c, 25 for 30c, 50 for 50c.
Initials, 10c for 100.
Superior Leg Bands
12 for 15c, 25 for 30c, 50 for 50c.
Pigeon Bands
12 for 30c, 25 for 60c, 50 for \$1.00

POULTRY SUPPLIES OF ALL KINDS

White Hill Poultry Farm

White that Stays White

Ideal in Shape

Single Comb Buff Orpingtons

Buff Blocky Beauties. We can fit you for the shows. Fine Breeding Stock at \$1.50 each to make room for young stock. Order now.

Lawson & Varnell

A. J. Lawson, Mgr. (Route 4) Cleveland, Tenn.

WILBER'S WORLD'S BEST SINGLE COMB WHITE LEGHORNS. Positively none better

BRED TO LAY AND WIN, AND DO IT. 132 regular, specials and cups in seven great shows past three years. Grand flock growing cockerels and pullets, sons and daughters of our famous past seasons' winners. Many fine yearling breeders at right prices. Handsome catalog for stamp. Write your wants.

SATISFACTION GUARANTEED

WILBER BROS. :: Box G, Petros, Tenn.

STATE VICE-PRESIDENT NATIONAL S. C. W. LEGHORN CLUB

TULANE HOTEL NASHVILLE, TENNESSEE

Most Central Location in the City. Strictly first-class in every particular. The table is our special feature. Hand baggage transferred to and from station free of charge. Patronage respectfully solicited.

RATES \$2.00, \$2.50, and rooms with bath \$3.00 per day

Two blocks from Union Station

R. B. JONES, Manager

SINGLE COMB RHODE ISLAND REDS

If you want pedigreed line bred stock, write me. Yearling and two-year-old breeders for sale now. Young stock after September 1st. If you want birds to win in fast company, I have them. Will gladly furnish feathers correct in surface and under color to any new breeder in doubt as to color, etc. Correspondence solicited.

L. K. TERRELL, Birmingham, Ala.
State V. P. American Rhode Island Red Club. 3rd V. P. National S. C. Rhode Island Red Club

of fifty per cent. on the investment, and with proper care and attention they will pay a much larger per cent. on the investment. But take it at fifty per cent. and compare it with merchandising, banking or general farming, and it does not take an expert in figures to show which has the advantage.

According to the figures given out in these reports, the value of the product from bees in the states mentioned below for the year 1899 are as follows:

Texas, \$468,527; New York, \$352,292; Missouri, \$348,604; California, \$331,939; Pennsylvania, \$305,292; Iowa, \$305,183; Kentucky, \$291,179; North Carolina, \$263,730; Tennessee, \$259,691; Wisconsin, \$270,742.

The figures show that, comparatively speaking, one section of the country has but very little advantage over another in bee-keeping, but they speak volumes in establishing the fact that every section of our whole country is adapted to bee culture, whether that section be on the sunny plains of Texas or the semi-frigid regions bordering on the great lakes of the North.—H. F. Coleman in *Southern Agriculturist*.

Feeding Fowls.

We have heard and read so much about mixing mash, how it should be crumbly and not wet and sloppy; but we don't remember ever to have seen in print just how much water to mix in to get the mash "just right."

Personally, we have tried many mixtures, and no doubt shall try many more; but up to date this mixture described here has given us the best results—healthy stock and plenty of eggs.

Daily mash for 500 Buff Leghorns, which are fed at 2 p. m.

Wheat bran, 20 lbs.; wheat middling, 20 lbs.; alfalfa, 20 lbs.; beef scrap, 10 lbs. (The alfalfa is cut up in one-eighth inch lengths.) Mix thoroughly while drv, then add 45 lbs. of water and mix again as though your success with chickens depended upon the mixing; and it does. We mix the mash with a fork for fully one-half hour; when we have finished the mash is crumbly and fine, not a lump to be found. Besides the mash we feed 15 pounds of oats in litter at 7 a. m., and 15 pounds of barley as soon as through with mash feeding; that keeps them busy till dark with a litter left for early morning.

Occasionally we feed cracked corn and sunflower seed instead of barley; plenty of fresh water, not three times, but once a day, and all they want of good round gravel.

To sum it up we have found that 100 pounds of dry feed is sufficient for 500 Buff Leghorns for one day, or 340 Wyandottes for one day, or 250 Plymouth Rocks for one day.—H. L. Haff, Beloit, Wis.

When Off Their Feed.

If your chickens are "off their feed" and do not seem to care whether they live or eat or die, give them an appetizer in the shape of a little fasting. Let them get hungry and then change their style of feeding. If you have been giving them their bulky food at night, give it to them in the morning; give it to them warm and not very much of it, so that they will still want more. Then send them to roost a few nights with only half a craw full, and they will soon begin to think that life is worth living after all.—*Poultry Life in America*.

Begin at the Top.

The mistake that most persons make when they decide to go into the poultry business is that of starting with mongrel fowls and trying to drift into the pure-bred line year after year. They will buy perhaps a setting of pure-bred eggs or a pair of pure-bred fowls, and at the end of the season they allow the entire lot to run together, and when the next year's hatching season comes around they decide that they will still keep some of the mongrel hens, if for no other purpose than to furnish eggs for the table.

It naturally follows that the two breeds get mixed, and at the end of the next season there are but few of the young fowls which do not show a cross.

Another mistake that they make is that of trying to keep more than one breed.

Those who have had years of experience and have provided ample yards and houses for each breed may be able to do this, but those who are not so arranged should never attempt to keep more than one.

It is folly to expect to supply every kind of fowls which individuals may ask for, and no one should attempt to do it.

Select one pure breed—one best suited to the needs of near-by markets, and the one you fancy most. Dispose of every mongrel fowl on the place and keep the breed pure.

Each year select the best of males and females, and again dispose of those that do not come up to all the standard requirements.

Year by year small defects will disappear, and you will soon have a flock which will not only be handsome, but at the same time profitable.

Don't try to supply all customers. Make a specialty of one kind and let your customers know that they can get nothing better than you offer them.

Rev. Thos. Sexton, the Blacksmith Preacher, in his powerful and original book just off the press, says:

"If you have got any roses to throw on the graves, you had better put them on while they are living for this is all the world we will ever have to do any great work for God and sinners. I want to say that this world is just the dressing room to get ready for the next, so Christians, I say unto you, what you do for God, do it now: if you want to add a star to your crown, go and get some poor sinner to be saved. If I don't get to heaven, I've lost it all, but by the grace of God, I am going to get there. If you all get there before I do, tell my friends I'm coming too."



CHICKEN MONEY



"If you want to really raise your chicks don't turn them out to live on what they can pick up. Feed them regularly every day. Up to 3 months old feed Purina Baby Chick Feed. For the grown fowls I use Purina Scratch Feed the year round. I've found these feeds have the right variety of grains and seeds. I make money raising chickens."—HENRY PARKER. Your dealer can get these feeds for you in checkerboard sacks. **PURINA MILLS** St. Louis, Mo.

MOST COMPLETE FEED MILLS IN THE WORLD

CHECKERBOARD BAGS

VERNON HALL POULTRY FARM HIGH POINT, N. C.

Breeders of BARRED PLYMOUTH ROCKS Only

Have been breeding them for eleven years. Have raised hundreds of prize winners and have a show record not equalled by any other breeder in the South

Eggs from best matings for delivery in May and June
\$2.00 per setting of 15.

A. E. TATE,

Proprietor

DINWIDDIE'S STANDARD AND BUSINESS BRED BARRED PLYMOUTH ROCKS AND S. C. WHITE LEGHORNS

Stock for sale, better this season than ever before. Standard Bred, fit to win; Business Bred for eggs; for size, Business fed on a balanced ration; raised on a free range. These are the guaranteed combined qualities of my birds. Write for prices, stating your wants. HUNDREDS TO SELECT FROM.

J. A. DINWIDDIE, ROUTE 3, NEW MARKET, TENNESSEE

Stansbury's White Leghorns

have proven to be best in South by winning 9 1st prizes and 6 2d prizes in three of largest Southern shows in 1905. What better proof do you ask? I am now booking orders for eggs at \$1.50 per 15, \$7.50 per 100, from these winners.

S. S. STANSBURY, Richmond, Va.

Walker's Barred Rocks and White Wyandottes The Farmer's Friend The Fancier's Favorite

Are line bred and mated to produce winners for you as well as us. Place your order for eggs at once and start right. We won firsts in all the leading shows this season. We can furnish eggs from prize winning stock, \$2.00 per 15. Order today. NONE BETTER. We have a nice lot of young stock coming on.

WALKER BROS., Route 1, Madisonville, Tenn.

The QUEEN & CRESCENT ROUTE

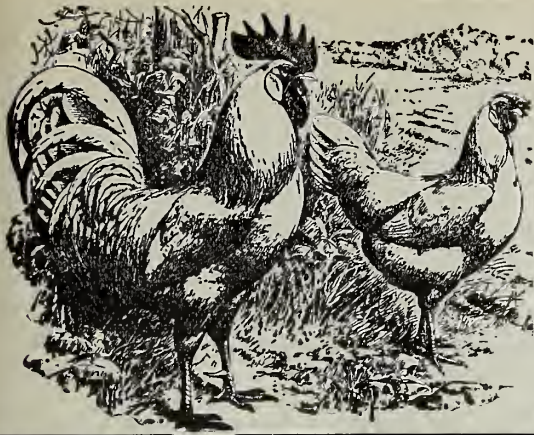
Is over two hundred and fifty miles the shortest and twelve hours the quickest line from points reached through Chattanooga, Atlanta, Birmingham and Meridian to Shreveport, Dallas, Ft. Worth, El Paso and points reached through these gateways. Operating the most modern vestibule trains with through sleepers and dining cars to both Shreveport and New Orleans. For cheapest rates, schedules and other information apply to

C. H. SMITH, Gen. Pass. Agt.
New Orleans, La.

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New Orleans, La.

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R. C. Brown and S. C. White
LEGHORNS
..AND..
S. C. Black Minorcas

FINE PENS TO SELL

I breed to lay, winners in the best shows. Cockerels from hens that layed 253 eggs in 1904. These birds will improve your strain in laying, as they are bred for this purpose. Write me.

FRED AXLEY
SWEETWATER, TENN.
Route No. 5

RHODE ISLAND REDS ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South

All birds standard bred, correct color, hardy and prolific. None but the best allowed to live. Send us your orders if you wish to start right. List of winnings, with matings for 1906 free.

Eggs for Hatching from Prize Pens, \$2.00 per 15. Special Prize Matings, \$3.00 per 15.

WEST DURHAM POULTRY FARM,

WEST DURHAM, N. C.

Cooper's Rose Comb White Leghorns
Lay the Eggs and Win the Ribbons.

SAM M. COOPER,
Fountain City, Tenn.

BEAUTY

UTILITY

Tennessee White Wyandottes

A Strain of Heavy Layers, Bred for Eggs by the Individual Record System

TENNESSEE POULTRY YARDS,

Nashville, Tenn.

Our Brooding System is Successful

IS YOURS?

Are you satisfied with the results obtained with the open or covered pipe systems? Do you want to raise more and better chicks? Do you know that the individual lamp brooders are giving better results on a large scale, at a lower operating cost, than pipe systems? It requires less time and labor. The individual requirement for each brood is maintained without disadvantage to the others.

The New Prairie State Brooder No. 5



takes the place of the pipe system. It contains many new and novel features. It is portable, every part instantly accessible, sanitary. Heat is controlled as accurately as any incubator, two compartments. Lamp will not blow out. It will fit any shape of house, large or small. For early or late broods, soft roasters, broilers, etc. Adapted to the small colony house. If you raise but few for the table or thousands for market, we make brood systems to suit your needs. Send for illustrated descriptive matter, which tells how and why Prairie State Brooding Systems are successful. It is free.

Prairie State Incubator Company

New Prairie State Individual Lamp Brooder No. 5

Box 512 Homer City, Pa

Brown's Budget.

There is a lull in the hen-setting. Incubators are taking an airing and a rest. The little chirpers are basking in the sun. The brooders must be kept clean and well aired, and allow plenty of fresh air at night. Let the air come from the nursery part of the brooder.

The breeders need a good rest amid cosy and comfortable surroundings. This will include shade and fresh water, and runs with a good supply of herbage. If it can be managed, it is a good plan to have two runs for each flock, so as to make a change while one run is getting a new start of greens. The hens greatly enjoy this plan, and it is advantageous in many ways.

Don't add young chicks, or for that matter, old fowls to your flocks from various sources, without you know they are free from disease and vermin. It is always well to be on the alert, looking for symptoms, and to be prepared to check troubles early.

Grass runs may be comparatively worthless for the purpose of chickens, if the grass is long (high) and of a coarse character. The most serviceable grass runs are those that are kept short. It is the new fresh shoots that are of value for poultry. White clover and alfalfa that have become well established make the very best pastures for poultry, old or young.

Don't forget to dig up spaces in the runs every few days, to give the fowls new fresh dusting places. They will serve two purposes—help to keep down vermin, and prevent soil contamination.

When young chicks have bad bowels, which is not caused by their being kept too warm, change their diet at once. Study to find out what food is causing the trouble. Sometimes lack of variety will cause bowel trouble. A varied diet aids digestion and furnishes the various requirements the growing chicks need.

The food for young chicks should be of elements that serve for the growth of bone, meat and feathers. Fattening elements are not required until near the time when the chick is to be forced for table use. The proper feeding of poultry for specific purposes is in a sense a science—at least as much so as balanced dairy, or beef rations serve their respective purposes.

Closely yarded fowls should be kept busy in some way. It is an imperative necessity if the runs are bare ground. An idle flock, that simply huddle or stand around waiting for the next feed time will never be much of an egg laying one. They are also very apt to develop feather plucking and other evil habits. Spade up and bury grains, provide litter to scatter grain in, hang up cabbage, make them exercise some way.

A woman who has been "experimenting," says that cockerels mated with old hens results in a majority of pullets, and that a cock bird mated with hens results in a majority of cockerels. She has also re-discovered the old Pyle theory that the air bubble on the side produces pullets, etc. How invariably and repeatedly history repeats itself. The other woman who declared that if she wanted to hatch pullets she always carried the eggs to the

nest in her sun-bonnet, and if she wanted cockerels, carried them in a man's hat, is still as near correct as any of them.

Don't forget the discomforts that come with hot weather. Counteract all of them you can in the poultry yard. Take away the males as soon as the breeding season is over and let the hens have a yard by themselves.

Break up the broody hens in a humane way. If you can give them a shady run do so. The fact of their being broody is a sure sign that they have been money bringers for you. They deserve kind treatment—just as good as you would give an early setter when they are exceedingly difficult to obtain.

Don't let your enthusiasm go down when the mercury in the thermometer runs up. It is then when eternal vigilance is the price of success in the poultry business.—*The American Fancier.*

Why Breeders Fail.

The National Stockman utters unfutable truths in the following:

"It has been our observation that more men fail to become financially successful as breeders of live stock because they do not know how to advertise, than for any other single reason. In the first place they do not consider advertising a part of their investment, regarding it as a luxury or something to be used in case they are not successful in otherwise finding a market for their stock. In the second place they do not make advertising a study and do not realize that the price of it is in keeping with the service rendered. We refer now to newspaper advertising exclusively. There are other kinds, but none other that is so cheap, that works so many days in the year, or that reaches so many people as newspaper advertising. We are convinced, and so will any breeder who gives it a thorough trial, that the best results are obtained by a constant use of advertising columns. It is hard for a man to realize that he should advertise except when he has to; but as a rule the man who advertises constantly will not have to do any more in the end than the occasional advertiser to get the same results. He gets lower rates, he can use smaller space, and his business is always before the public, where it should be if he is to supply public wants."

Alfalfa and hogs are great bank account producers. No better hogs go to market than those fed on alfalfa and finished on corn, cowpeas or soy beans.



Typical Wyandotte head as found of "Jones" Wyandottes," Paducah, Ky.

IF BLUE RIBBON QUALITY IS WHAT YOU ARE AFTER

HARDIN'S

S. C. WHITE LEGHORNS, WHITE WYANDOTTES AND S. C. BLACK MINORCAS

will please you to a high degree. Unquestionably the greatest combination laying and exhibition strains in existence. First Prize Winners at recent Atlanta and Knoxville shows.

200 CHOICE LEGHORN COCKERELS AND PULLETS for sale at very attractive prices to quick buyers.

EGGS FOR HATCHING from prize matings; Leghorns \$2.00 per 15. Wyandottes and Minorcas \$3.00

Catalog for the asking, address

VALLE CRUCIS FARM

W. H. HARDIN, SUPT. VALLE CRUCIS, N. C.
STATE V. P. NAT. S. C. WHITE LEGHORN & WHITE WYANDOTTE CLUBS

FIRST COCK KNOXVILLE



SECOND COCK ATLANTA

Single Comb Buff Orpingtons

MRS. J. A. MARTIN, Johnson City, Tenn.,

Breeds the Winners in S. C. Buff Orpingtons

1st and 3rd Cockerel, 1st and 4th Cock, 1st, 2nd and 3rd Hen, 2nd, 3rd and 4th Pullet, 1st, 2nd, 3rd and 4th Pen, at Knoxville, Tenn., show, January, 1906.

Eggs and Stock at Any Time.

HILL TOP POULTRY FARM

White Wyandottes, of Most Popular Strain in America

Those wanting first-class stock and eggs are invited to write or call on

A. H. CARPENTER, - New Middleton, Tenn.

WINNING BROWN LEGHORNS

My birds prove the claim wherever they are shown. They never meet defeat. At Birmingham, Montgomery, Chattanooga and Knoxville, Jan. 17-19, 1906, in the hottest class ever shown in the South, I made clean sweep in Cockerels, winning 1st, 2nd and 3rd, and had my full share of the other prizes. Send for circular.

EGGS \$2, \$3 and \$5 per 15. \$6 per 100 for Incubators

M. S. COPELAND, Powell's Station, Tenn.

WHERE POULTRY PAYS

Poultry pays best where the Local Markets are the best.
The great factory towns along the

SOUTHERN RAILWAY

need an increased poultry supply.

Investigate openings for the poultry business in the sections reached by the Southern.

For information apply

GUY L. STEWART,
Agent, Equitable Bldg.,
ATLANTA, GA.

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I plan residences, schools, churches, business blocks and all classes of buildings

A New Book

Which will be a great help to anyone intending to build. It will give you new and reliable ideas both in plan and exterior design, and with my office at your disposal your building experience will be a delightful one.

Price of Book 50c

If you have original ideas which you would like worked into practical shape, I shall be pleased to correspond with you.

M. E. PARMELEE, Architect

323½ Clinch Ave., opposite Postoffice
KNOXVILLE, TENN.

BRED FOR UTILITY
BRED TO LAY

RED, WHITE AND BLUE

BRED FOR FANCY
BRED TO WIN

At Sandy Creek, Phoenix and New York State Fair, the hottest shows in New York State in 1904-05, I won 76 prizes and special on my Blue Barred Rocks. Brahmas, Rocks, Reds, Leghorns, Minorcas, Wyandottes, Bantam, Eggs \$1.00 and \$1.50 per 15. Hatch guaranteed. Rouen Duck Eggs \$1.25 per 11; Toulouse Geese Eggs 40c. each. Catalogue free.

PULASKI, N. Y., Jan. 6, 1906.

Dear Sir:—Out of the 26 eggs I purchased of you I got 26 chicks, 11 of them were pullets, and yesterday I got 11 eggs, and get from 6 to 10 eggs every day. Yours truly,

THOS. WILDER.

MAPLELING POULTRY YARDS, H. DAILY, Propr.

Box S.

PULASKI, OSWEGO CO. NEW YORK.

SOUTHERN AGENCY MODEL INCUBATORS and Poultry Supplies

Prepared Chick Feed	50 pounds, \$1.50	100 pounds, \$2.50
Hen Feed, Mixed	50 pounds, \$1.25	100 pounds, \$2.25
Thermometers { Brooder	40c, postpaid	
Incubator	55c, postpaid	
Punch for marking Young Chicks	25c	
Leg Bands, 20c doz., postpaid. Lice Powder, 15c postpaid, etc.		

F. J. MARSHALL,

Atlanta, Georgia

BILTMORE POULTRY YARDS

SENSATIONAL SUMMER OFFER '06

Buff Wyandottes, Rocks, Show Breeders at 25% of early season offers. Utility and Show Stock Eggs per setting, one-half off. "Special" circular and description with prices, free. Two-cent stamp for illustrated description of BILTMORE. Send for it. Mention this paper

J. ROBT. LIVINGSTON, Supt., Biltmore, N. C.

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KNOXVILLE, TENN.

**Cigars and Tobacco
That's All!**

We carry the largest stock of TOBACCO in the city, and sell you cheaper than any other firm. Come see us.

WHOLESALE

RETAIL

Special Prices
to Merchants.

A Secret.

The little white hen has a secret
That never a soul has guessed;
For under the shade by the rosebush
made
Is a little grassed-lined nest!

And she slips away each morning,
This sly little bright-eyed hen;
Till the treasures hid by the flowery lid
Have numbered up to ten.

And if you should guess the secret,
And push the rose branch by—
There is nothing in sight but a statue
white,
With a round, black, watchful eye.

But wait, for the weeks are flying,
And when only three have flown,
She will tell it aloud, she will be so
proud

Of the secret all her own!
—Fanny Pierce Iddings in *Farm Journal*.

Feathers are very valuable and if they are prepared the right way they will bring in quite a sum of money. Most poultrymen regard chicken feathers worthless and then throw them away. They do not know that they are throwing away one-ninth of their profits. If they only knew this they would save all their feathers. The markets are always open for feathers and the people who save them are the ones that are making the most profit. All of the money that the poultryman gets from the market for his feathers would have been thrown away otherwise. It does not take much more labor to prepare the feathers for market than it does to throw them away. In the course of a few years all the poultrymen who send chickens to the market will save all their feathers and this will make the hen much more valuable.

Tennessee State Fair, October 8 to 13.

Wood's Seeds

FOR
FALL SOWING.

Every farmer should
have a copy of our

New Fall Catalogue

It gives best methods of seed-
ing and full information about

Crimson Clover

Vetches, Alfalfa

Seed Oats, Rye

Barley, Seed Wheat

Grasses and Clovers

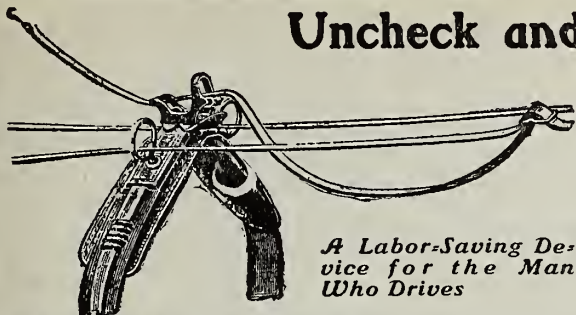
Descriptive Fall Catalogue
mailed free, and prices
quoted on request.

T. W. Wood & Sons,
Seedsman, -- Richmond, Va.

Our Trade Mark Brand Seeds are the
best and cleanest qualities obtainable.



Uncheck and Recheck



Your horse without alighting from your carriage

Simple, Practical and Useful

A Labor-Saving Device for the Man Who Drives

Works... Automatically

The Self-Acting Check Rein saves time and avoids inconvenience, and obviates trouble. Easy to place on harness and never gets out of order. Covered by United States patents.

Japanned Finish, \$1.50; Nickel Plate, \$2.00; By Mail Postpaid

SELF-ACTING CHECK REIN CO., - Knoxville, Tenn.
212½ W. CLINCH AVE.

Barred Plymouth Rocks

BRED IN THE PURPLE

The foundation stock is the best that scientific mating could produce or money buy. At great Nashville Show, Jan. 1-8, 1906, won 1st Cockerel, 1st Hen and 3rd Pullet, class of 300.

HARRY CLUB STRAIN

J. T. DAVIS, - Lewisburg, Tenn.

D. R. MAYO

625 GAY STREET, KNOXVILLE, TENN.

Poultry Supplies, Field and Garden Seeds

DARLING'S FEEDS. BEEF MEAL, BONE MEAL, SHELL AND GRIT.

A full line Prairie State Incubators and Brooders. Write me your needs

WHITE WYANDOTTES

(PURITY STRAIN)

Again prove their superiority by winning at Raleigh, N. C., Columbia, S. C., Charleston, S. C., in hottest competition, 3 Firsts, 1 Second, 1 Third, 1 Fourth, and 3 Special Ribbons.

Eggs from pens scoring 94½, 93¾, 93¾, 93¼, 92¾, with 1st Hen Columbia (Com.), \$3.00. From other choice pens, \$2.00.



YATES BROTHERS, - - Greenville, S. C.

NOLL'S WHITE PLYMOUTH ROCKS BRED TO LAY BRED TO WIN

Have again proven their superior qualities at the big Missouri State Show, Dec. 12 to 16, 1905. In hot competition, 107 in class, I won 1st and 4th Pen, 1st, 3rd and 4th Pullet, 1st Cockerel, 2nd Cock and 3rd Hen; also Club Special for best Pen, Pullet and Cockerel. If you want the up-to-date kind, write me. Fine breeding or show birds in pairs, trios or pens, properly mated, at prices you can pay. Eggs from my Exhibition Matings will bring you winners. \$2.50 for 15, \$7.00 for 50, or \$12.50 for 100. Columbian Wyandottes—My stock of this variety is strictly first-class. 1st Ckl', 1st, 2nd, 3rd and 4th Pullet, at Mo. State Show, Dec., 1905. Eggs \$5 per 15. HENRY C. NOLL, Box A, Dalton, Mo.



Hill Crest White Wyandottes—200 Egg-Laying Strain

Exhibition and Breeding Stock. Eggs and Stock for sale. Book your orders NOW.

C. B. THORNTON, - - Nashville, Tennessee

KNOXVILLE, TENN.

Nine Banks.
Population 75,348.
Pure Water, no Malaria.
1000 feet above sea level.
Bank deposits \$9,000,000.
Ten Educational Institutions.
Bank clearings, 1905, \$63,500,000.
Annual marble business \$1,000,000.
Cheapest Steam Fuel in the South.
Tax Rate fixed by charter at \$1.25.
Headquarters for 50 large Coal Co's.
Largest Woolen Mills in the world.
Annual jobbing business \$40,000,000.
Annual manufacturers' output \$20,000,000
One of the largest Cotton Mills in the South.
Largest manufacturing city of Hardwood Mantels in the world.
Largest Clothing manufacturing and jobbing city in the South.
Manufacturing output increased between 1905-6 100 per cent.

Advertising Talk.

Some one has written a little verse that runs something like this:

The constant drop of water
Wears away the hardest stone,
The constant gnaw of Towser
Masticates the toughest bone,
The constant cooing lover
Carries off the blushing maid
And the constant advertiser
Is the one who gets the trade.

There is more meaning to these lines than appears on the surface. The advertiser who feels that he is getting a case of cold feet and wants to quit, should have a good talk with himself and try to see things in their true light. It is pretty hard for a publisher to talk advertising and have his remarks receive the consideration to which they are entitled. This is true for the reason that it is to his interest that advertisers use big space and keep constantly at it. Naturally therefore, he is an advocate of advertising and the advertiser is quick to discount the ideas of the publisher, feeling that he is working for his own interests regardless of those of his patron, which is by no means always the case. But the advertiser can find plenty of evidence in favor of continuous advertising without going outside the ranks of his fellow breeders and without taking into consideration anything that the publisher may say regarding the matter. It is astonishing though how little consideration the average advertiser gives to unprejudiced evidence from sources which are clearly identified with his interests. It can not be denied that the advertisers who are doing the largest business and who get the most desirable trade are the ones who keep their ads before the public constantly. They are the shrewd and intelligent business element of the fraternity and they are not the kind of people who spend their money without getting something in return for it. The constant advertiser impresses the buying public with a feeling of confidence in his stability. They think that he is in the business to stay and can always be found at the old stand. They think that he wants to build up a permanent reputation and business and will handle their orders accordingly. There is nothing that helps a business like an air of prosperity and in fact putting on a bold front in the right sort of a way will actually bring the conditions to justify it. The advertiser who comes and goes like a sky rocket can hardly expect to derive any benefit. His flash may be brilliant enough while it lasts but it does not last long enough. He is in and out again before people get acquainted with him. Many breeders make it a rule to reduce their space for the month of May which is one of the best months in the year and in order to save a dollar or two in advertising they lose many times the amount in desirable business. In advertising as in all other things it is the stayer who wins.—Frank Heck in *Successful Poultry Journal*.

Only \$10,000,000 is to be the cost of one battleship for our navy, several millions more than all the money appropriated for the department of agriculture, with its weather bureau, the agricultural colleges and experiment stations. Why so much for the art of destruction, and so little for the art of production?

BRIEF MENTION.

We learn, just as we start to press, of the death of Mr. Leroy D. Teasley, the secretary of the Montgomery, Ala., show. The fraternity loses a good man and both they and his family have our deepest sympathy.

One of the most precocious pullets we have heard of is a Rose Comb Black Minorca, the property of Mr. Ike Lovejoy. This pullet was hatched the 16th of March and layed her first egg the 21st of July, being at the time just four months and five days old. Can any one beat this?

The *Southern Poultry Gazette* comes to our table from Nashville with John A. Murlin, Jr., as editor and business manager. For a first number it is creditable. We shall watch with interest the career of this periodical as we know that the editor has many ideas of his own as to what a poultry journal should be.

The Florida Poultry Association will have its annual show in connection with the State Fair at Tampa, November 16-29. The fanciers in the land of "fruits and flowers" are getting busy and the indications are that there will be not less than 1000 birds on hand. A true set of fanciers are behind the movement and success will be theirs.

It is understood that the show to be held at Charleston, December 14-19, will be by comparison. The management is making preparations for a larger exhibit than they have ever had and are looking forward to a successful time. They know how to run a show at Charleston and those who are so fortunate as to be there will have a royal good time.

The *Southern Poultryman*, Dallas, Texas, with the old stager McReynolds at the head, is destined to be a power for the industry in that favored country. It is not strange that Brother Mc. had to get him a paper all his own when you think of the years he has been in the midst of the fray and putting in good blows for the Southern breeder.

The *Home Law School Series*, published by Frederick J. Drake & Co., Chicago, Ill., is complete in twelve volumes and is readily understood as the Latin phrases and legal terms have all been interpreted by Prof. Chadman. The series consists of twelve volumes and will make a valuable addition to the library of every man who does any thinking for himself.

Trap nests have come to stay and those made by J. A. Bickerdike, Millersville, Ill., have proven themselves to be very popular wherever they have been used. Mr. Bickerdike has just been allowed his patent and will now make the nests on a more extensive scale than ever for the demand for them has outgrown his present capacity and the nests have gone broadcast throughout the country, even to the islands of the sea and to far-away Africa. He will have pleasure in sending you particulars.

During the Tennessee State Fair the headquarters for poultrymen will be at the Tulane Hotel where the judges will be found when not engaged in placing the ribbons. The Tulane is an up-to-date hotel and the host knows how to cater to the best interest of his guests. No man who stops with Jones will ever say he was not well cared for or that he did not have a welcome for every coming guest and a word of cheer for the parting. THE HEN hopes to meet her hosts of readers and friends at this cheerful hostelry.

The seventh annual show of the Augusta Poultry, Pigeon, Belgian Hare and Pet Stock Club will be held at Augusta, Ga., October 29-November 3, in connection with the Georgia-Carolina Fair. Each show that this enthusiastic set of fanciers has held has been a success and the prospects for the one to come are bright. When a half hundred true blue men pull off their coats and get to work the result is obliged to be success with a big S. Those who have exhibited with them once are sure

BOOKKEEPING
AND SHORTHAND TAUGHT BY MAIL
BOOKKEEPING
Knoxville Business College
Address Dept. 16, KNOXVILLE, TENN.



White Plymouth Rocks

(EXCLUSIVELY)

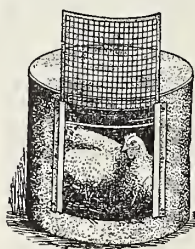
I have hatched off as many chicks as I can well take care of, and will sell eggs the balance of the season at \$2.00 per setting. Now is your chance to get some good eggs for little money. A fine lot of youngsters coming on and getting ready for the Fall shows and will as usual take their share of the ribbons as they have always done.

SATISFACTION GUARANTEED

Green Grove Fruit & Poultry Farm

GEO. DARWIN, Proprietor

FARLEY, ALABAMA



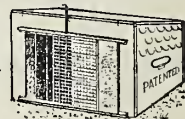
Farmer's Friend Nest and Brood Coop

RAT, MINK, WEASEL, LICE, MITE AND VERMIN PROOF

Made of galvanized steel plate and will last for years. Sanitary, there being no place to harbor disease germs. Easily taken apart and cleaned. The coop has three sliding doors: one of rods that keeps the mother in; one of wire cloth that ventilates it and keeps out rats and minks; a solid door that regulates the ventilation and keeps out rain and cold. We also make metal Exhibition coops.

Agents wanted in every county.

C. HOSKINS & CO., Dept. I, 318 State St., Quincy, Ill.



Pain

Dr. Miles' Anti-Pain Pills

Cure Headache

Almost instantly, and leave no bad effects. They also relieve every other pain, Neuralgia, Rheumatic Pain, Sciatica, Backache, Stomach ache, Ague Pains, Pains from injury, Bearing-down pains, Indigestion, Dizziness, Nervousness and Sleeplessness.

Pills

Prevent All-Aches

By taking one or two Dr. Miles' Anti-Pain Pills when you feel an attack coming on. You not only avoid suffering, but the weakening influence of pain upon the system. If nervous, irritable and cannot sleep, take a tablet on retiring or when you awaken. This soothing influence upon the nerves brings refreshing sleep.

25 doses, 25 cents Never sold in bulk.

THE UNIVERSITY FARM

Carries seven varieties of thoroughbred birds from whose pens we are able at all times to furnish eggs, trapnested and true to breed.

Pen No.1—White Wyandottes.

Headed by a fine cockerel true to type and color and properly mated to twelve handsome females. These birds possess both beauty of form and color and have proven themselves prolific egg producers. Up to weight and pure white. Eggs from this pen \$3.00 per 15.

Pen No.2—Barred Rocks

No finer male can be found in the South than the one that heads this pen. Typical in shape and fine in station with the real blue barring so pleasing to the eye. He is most excellently mated to only four grand females. Eggs from this pen are \$5.00 per 15 straight.

Pen No.3—Barred Rocks

In this pen are twelve exceptionally fine hens mated for best results to most excellent blocky birds of good color. They are up to weight and good egg producers. Eggs \$3.00 per setting.

Pen No.4—White Rocks

The cock at the head of this pen is typical in shape. He is grand in size and color, and mated with due regard for results to twelve hens specially selected for size and vigor. Eggs \$3.00 per 15.

Pen No.5—S. C. B. Orpingtons

The S. C. Buff Orpington has many admirers and no one could fail to admire this handsome pen of twelve females, headed

by a magnificent cock. The mating has been made with due regard to results. They are fine layers and excellent table fowls. Eggs \$3.00 per 15.

Pen No.6—Black Langshans

The male bird heading this pen is of fine size and color and the four females are fully up to standard weight with excellent feathering and color. This mating will give fine results. Eggs \$3.00 per 15.

Pen No.7—S. C. B. Leghorns

A pen of twelve Brown beauties headed by a richly colored cockerel. The mating would please the most exacting as due regard has been paid to color and size. These birds are bred for eggs and for beauty and they have measured up to the requirements. Eggs \$3.00 per setting of 15.

Pen No.8—S. C. W. Leghorns

This is a pen of white birds. The females are properly mated to an active, vigorous cock that is typical of the breed. They are fine layers and the results of the mating should be excellent. Eggs \$3.00 per 15.

Pen No.9—S. C. B. Leghorns

A pen of fifteen fine females, bred to a handsome richly colored cock. This pen is not trapnested, but mated especially for eggs. Many of these birds are of the same strain and as good as some in Pen No. 7. Eggs \$1.50 per 15.

Our eggs from the first eight pens are trapnested, numbered and dated, absolutely fresh, selected with the greatest care, properly packed and shipped on the same day order is received.

We can furnish superior stock and eggs in limited numbers from any of the above varieties, and can fill orders for any variety of stock or eggs. Write us your wants.

THE UNIVERSITY FARM

Agricultural Experiment Station.

Knoxville, Tenn.



REDUCTION.

Eggs \$1 per 15, \$3.50 for 50, \$6.50 per 100 from my famous Rose and S. C. Browns, and S. C. White Leghorns and P. Ducks. Barred and Buff Rocks. 242 and 240 eggs to a pullet, big eggs too. A fine lot of Collie pups. Box. 75.

W. W. KULP, Pottstown, Pa.

THE FUN'S ALL OVER—We must now "Get busy"

My Black Minorcas prove their superiority over the entire South by meeting and defeating every breeder of Black Minorcas in the South; by taking every first, second and third "except two," with a score of 94 to 95%. I have sold every bird I can spare. Don't write me for prices on stock. I have mated only one pen of 10 females, not a bird in this pen scoring less than 93%. Eggs \$2.00 for 13 straight. H. B. LANSDEN, Black Minorca Specialist, Guntersville, Ala.

WALTER J. HUNTER, Johnson City, Tenn.

Breeds the Best in

S. C. WHITE LEGHORNS

The foundation stock was the best and they have been bred scientifically. No better birds can be bought, north, south, east or west. Get your orders in early and shipments will be prompt.

to go again for the treatment has always been such that the desire was to see more of that beautiful city on the Savannah and its host of true fanciers. There comes a home-going feeling over the boys who have been with them once when you say Augusta and the show. This year they have an unusually attractive premium list and the funds are already in the bank to meet all obligations. It will be worth your while to write to the secretary, J. W. Killingsworth, at Augusta, and get that list and then make up your mind that you will be there with the best you have for if they are not good you will meet defeat. Get ready for Augusta.

Biggle Poultry Book is the most comprehensive and helpful poultry book ever gotten out. In addition to the vast amount of valuable information covered in its seventeen chapters, there are sixteen beautiful colored plates, showing, true to color and shape, twenty-three varieties of poultry. Chickens, ducks, turkeys and geese are all shown in their proper plumage, and with comb, beak and shanks as true to nature as it is possible to make them. Also, forty-two handsome engravings in half-tone and sixty-one other helpful illustrations of houses, nests, drinking vessels, etc. This is a new edition, just off the press. The price is 50 cents, free by mail; address the publishers, Wilmer Atkinson Co., Philadelphia.

Farm Poultry, by George C. Watson, professor of agriculture at the Pennsylvania State College, is now in its fourth edition. This book is one of the best we have had the pleasure of looking over for a long time and is couched in language so plain that there is no difficulty in understanding just what the author intends for you to do. It is readable from the beginning to the end and in its discussion of the laws of heredity and of vigor is specially valuable to one who has not made a scientific study of these things. Its history of the breeds is good, though condensed, and the chapters on houses and fixings have not been improved on by larger and more expensive treatise. It is well worth the price to any poultryman. Published by The Macmillan Co., New York City. Price \$1.00.

Every one remembers how our John—John F. Childress, of Sweetwater, went to Hagers-town last year and cleaned the boys up on his White Leghorns and how he kept it up all along the line, and never had to put the same bird in any two shows. He had the quantity as well as the quality and he simply made use of it. This season he is in better fix than ever to supply you with any number and with those that will win for you as they have won for him. John deals on the square and the orders entrusted to him have his personal attention. Starting with the very best of stock he has studied his breed and mated them so that he has gotten results. They are pure white and are typical Leghorns. Better write him if you are in need of birds and let him make you prices which will be right for the quality of the stock he will send you.

The following is culled from a lengthy communication from that old war horse, H. C. Austin, of Johnson City, Tenn. It is very pertinent to the general discussion as to the employment of judges for our Southern shows and will be read with some interest by the many who are of the same way of thinking. Says Mr. Austin: "Brother Fanciers, I am no kicker, until the time comes to kick, and I now say the time has come for us to kick and to kick with both feet. When we send stock North they have to be judged by Northern judges and we say nothing. When they send stock South it should be judged by Southern judges. There are a plenty of good judges South as there are in the United States, and they should judge our shows. We, as breeders, should patronize them and respect them, and not treat them as if we thought they could be bought with a five dollar bill. I have too much respect for Southern blood to believe that a Southern poultry judge would sell his birthright for a mess of pottage. This employment of the judge is getting to be a serious question and I believe the breeders who show their birds have a right to demand of the show management that they be heard as to who shall do the judging. I would like to hear from others on this subject and think that before the next season comes around that, as a body, we should get together and let the judges be elected at our annual meetings and every member have a vote."

Mr. Creelman, in his Pearson's articles, has hitherto handled subjects which might be regarded as of a journalistic complexion. He has discussed events and questions of the hour, and has painted careful portraits of personages who

Headquarters for
* * Poultrymen

HOTEL IMPERIAL

Knoxville's Most Modern
and Up-to-Date Hotel

LONG DISTANCE PHONES
IN EVERY ROOM

Rates \$2.50 and up. Rooms
with Bath, \$3.50 and
\$4.00 per day

AMERICAN PLAN

Do you want

Your Chicks to grow?
Your Hens to lay?
Your Business to pay?

Do you want

An Incubator to hatch
healthy chicks?
A Brooder to make 'em
grow?

Then talk to me

Headquarters for everything in
poultry supplies, poultry foods,
poultry books and publications.

JNO. A. MURKIN, JR.,
P. O. Box 6, NASHVILLE, TENN.
CIRCULARS FREE

BLOOMFIELD STOCK FARM

OFFERS

Fifty pure bred S. C. Brown Leghorn
Cockerels, fine stock and true to breed-
ing; Price \$1.00 each, crated and f. o. b.
Also pure Homer Pigeons, mated and
ready for business.
Toulouse Geese and Embden Ganders.

CARTERSVILLE, VIRGINIA

MOFFITT'S

Perfection Ideal Aluminum
Leg band—12 for 12c; 25 for
20c; 50 for 40c; 100 for 65c.
State variety bands are for.
Send two cents for sample.
For Poultry and Pigeons.

J. MOFFITT, SOUTHBRIDGE, MASS

loom big in the public eye. But, though the hand is the hand of Esau, the voice is the voice of Jacob; or, to abandon this somewhat inept simile, he applies literary art to the relation of real things. How vivid, animated and nimble is the narrative; how full are the portraits of color and life. These pages are full of little masterpieces; and one marvels, as he reads, at his own failure hitherto to perceive what an interesting affair this current existence of ours is. Creelman has felt the whole of his theme in every part of it; and when his blood is up he can—as was said of another writer—take up the English language by the butt end and make it crack like a whip.

This is the optimism of a strong and positive character; optimism, therefore, in its wholesome and sanest form. If it should occasionally beguile its proponent into seeing in the world more sunshine and more goodness than are visible to persons less felicitously endowed, that is a genial fault, and one so rare in these days as to be easily construed as a virtue. Let us give attentive ear to James Creelman; the hour will never be unprofitably passed that is spent with him.

* * *

The Washington & Idaho Poultry Company, of which C. B. King is president and John S. Malloy is secretary and treasurer, has established at Hayden Lake, 35 miles east of Spokane, what is said to be the largest hatchery west of the Mississippi river. Squabs, chickens, ducks and other fowls are bred by the thousands and M. Kramer, superintendent of the farm, says there are orders enough ahead to warrant doubling the capacity of the establishment. The company is incorporated for \$25,000.

Kramer, who is a native of Java, has had many years experience in the East Indies, and is now making a specialty of Barred Plymouth Rocks and White Leghorns, more than 4,000 eggs now being in the hatchery, the capacity of the farm being 20,000 eggs. After hatching the chicks are kept in the nursery for 16 days and 11 days in the cool brooder. Pieces of burlap, barely touching the floor, are hung from the hot water pipes, and take the place of hovers.

Elegance, a homer pigeon, which took first price at the Pan-American and St. Louis fairs, an importation from Belgium, with a record of 600 miles in a day, is the show bird, and in addition to this there are 165 other high bred birds, secured at Allentown, Pa. One thousand pairs of pigeons have been sold in advance for delivery in August.

"In this business, as in stock-raising," Mr. Kramer says, "blood will tell, and it is useless to try to do anything unless you can get the best stock from which to breed. This applies to all kinds of fowl."

Tennessee County Exhibits.

Tennessee is not only one of the most prosperous states in the Union, but also one of the most progressive, as is attested by the arrangements being made for the holding of annual fairs in many counties for the display of farm and garden products, that an exposition of the skill of the people and the fertility of the soil may be demonstrated and home-seekers be induced to settle where the results of labor are best rewarded. The Tennessee State Fair Association, under whose management the State Fair will be held at Nashville next October, will heartily co-operate with those in charge of the county fairs, and through Mr. James Palmer, Acting President, has communicated with them and given assurance of all assistance possible in making the displays larger and better than ever before, and securing a record-breaking attendance.

The spirit of enterprise and the desire to advance the agricultural interests of Tennessee has been strongly manifested during the past week by the action of farmers in various counties in deciding to enter the contest for the first prize of \$1,000, offered by the Tennessee State Fair Association for the best exhibit, exclusive of live stock, made by a county at the State Fair. Committees will communicate with the farmers throughout the counties and secure concert of action looking to making an exhibit. The second prize is \$500; the third, \$200; the fourth, \$100; and the fifth, \$75, and there are other prizes of \$25 each for the next five best exhibits. For individual agricultural displays the premiums are from \$100 to \$10. State Commissioner, W. W. Ogilvie, who has charge of this department, promises the best exhibits of farm and garden products ever collected in the South.

Free Advertising.

A great many people are slow to advertise, but when it comes to free "puffs" they want 'em in box-car letters.

BARRED PLYMOUTH ROCKS

Winners at Cincinnati, (Big A. P. A. meeting); Nashville; Louisville; Princeton, Ind.; and Owensboro, Ky. Thirteen out of 25 firsts, 9 seconds, 6 thirds, 5 fourths and 1 fifth, in competition with 825 Barred Rocks shown by 70 exhibitors from eight states.

OUR CUSTOMERS

Won in six prominent shows the past season on birds of our breeding.

Are you interested in good Barred Rocks that are bred on the proper lines? If so, write for our mating list and complete show record.

EGGS, \$3.00 per 15
or \$5.00 per 30

From pens headed by Champiou male, Cincinnati; 1st Cock, Nashville; 1st Cockerel, Princeton, etc.

Cloverbloom Poultry Yards

Benj. H. Baker, Mgr. Owensboro, Ky.

N. B.—Our birds have been line bred for nine years and we never did at any time buy an egg or bird from the East; hence we advertise, sell and exhibit our birds on their individual quality, and when you buy from us you are not purchasing reputation but genuine Barred Plymouth Rocks at living prices.



**\$400
BUYS
A
FARM
IN VIRGINIA
Complete.**

With comfortable new three-room cottage like Cut. These 25 acre poultry, fruit and vegetable farms are only two miles from Waverly, Va., a modern little town on the N. & W. Ry., midway between Norfolk and Richmond. Climate, water and markets for produce cannot be excelled. Write for further information and for lists and booklets showing farms and plantations from \$10 per acre up. F. H. LaBAUME, Agri. & Indl. Agent, Norfolk & Western Ry., Box 42, Roanoke, Va.



DAVIS BARRED ROCKS

Fine Lot of Youngsters and Year-
ling Breeders for Sale.

**WILL WIN FOR YOU
as they have for me
the past 10 years**

**B. S. DAVIS
CHARLOTTE, N. C.**

EGGS FOR HATCHING

White and Barred Rocks and White Wyandottes, extra choice, \$1.50 for 15. From prize-winning pens, \$2.00 for 15. Eggs for incubation, \$5.00 per 100.

REGISTERED BERKSHIRES: Satisfaction Guaranteed

WHITE OAK FARM

Dr. W. B. HARDMAN, Prop. COMMERCE, GA.

Advertise in THE INDUSTRIOUS HEN.

TRAVEL OVER

Queen & Crescent Route

QUICKEST BEST

TWELVE HOURS QUICK-
EST TIME TO TEXAS VIA
SHREVEPORT :: :: ::

Through Pullman service, Knox-
ville to Louisville

Knoxville to Cincinnati, and Knox-
ville to New Orleans, making
direct connections for all points
reached through these gateways

The only road South equipped with
electric block signals and speed
brakes

For speed, comfort and courteous
employees, travel via the Queen
and Crescent. Rates, schedules,
and other information cheerfully
furnished

H. F. LATIMER, T. P. A.

529 Gay St.,

KNOXVILLE, TENN.

Old Phone 524

New Phone 188

J. C. CONN, D. P. A.

CHATTANOOGA, TENN.

ADAMS BROS.

Breeders of Barred Plymouth Rocks,
Single Comb White and Brown Leg-
horns. Best Strains. Eggs \$1.50 per
setting, \$5.00 per 100.

Duroc Jersey Red and Poland China
Hogs. Write for prices.

BRISTOL, VA.-TENN.

Show Dates Claimed

The attention of secretaries of the coming
fall shows is called to the following dates. If
any errors are found they will please report
the same to this office for correction.

Rockville, Md. Aug. 21-24. Calvin Hicks,
Superintendent; Warner and Brown, Judges.

Columbia Fair, Columbia, Tenn. Sept. 25-
27, 1906. J. Howard Sledd, Judge; R. S. Hop-
kins, Secretary.

Interstate Fair Association, Lynchburg, Va.,
Oct. 2-5, 1906. F. A. Lovelock, Secretary.

Tennessee State Fair, Nashville, Tenn., Oct.
8-13, 1906. John A. Murkin, Jr., Superintend-
ent Poultry Department; J. Howard Sledd, R.
E. Jones, Judges.

Alamance County Fair, Burlington, N. C.
W. Luther Cates, Secretary Poultry Depart-
ment; J. Howard Sledd, Judge. Oct. 9 to 12.

Georgia State Fair, Atlanta, Ga., Oct. 10-20,
1906. Frank Welden, Secretary.

New London, Ia. Nov. 20-23, 1906. F. L.
Clawson, Secretary; W. S. Russell, Judge.

Middle Tennessee Poultry Association, Col-
umbia, Tenn., Nov. 27-30. R. S. Hopkins,
Secretary; F. J. Marshall and W. F. Maury,
Judges.

Cedar Rapids, Ia. Nov. 26-Dec. 1, 1906.
O. W. Ilten, Secretary; F. H. Shellabarger,
W. S. Russell, U. J. Shanklin, Judges.

Parsons, Kas. Dec. 3-8, 1906. C. S. Forcum,
Secretary; Adam Thompson, Judge.

Philmont, N. Y. Dec. 4-7, 1906. G. J.
Anderson, Secretary.

Montezuma, Ia. Dec. 4-7, 1906. J. D.
Smith, Secretary; J. L. Ladd, Judge.

Dowagiac, Mich. Dec. 5-8, 1906. J. L.
Bilderback, Secretary; Frank Travis, Judge.

Villisca, Ia. Dec. 5-8, 1906. F. M. Childs,
Secretary; W. S. Russell, Judge.

Alabama Poultry & Pet Stock Association,
Birmingham, Ala., Dec. 5-10. Dr. Elwyn Bal-
lard, Secretary; Chas. McClave and Eugene
Sites, Judges.

Monroe Poultry & Pet Stock Association,
Monroe, La., Dec. 6-8, 1906. E. S. Eby, Sec-
retary; H. W. Blanks, Judge.

Oconomowoc, Wis. Dec. 7-13, 1906. Chas.
Behrend, Jr., Secretary; J. A. Tucker, H. Van-
slov, Judges.

Mount Vernon, Ohio. Second week Decem-
ber. Geo. H. Brown, Secretary; Ira C. Keller,
Judge.

McCallsburg, Ia. Dec. 11-14, 1906. E. P.
Pierce, Secretary; J. L. Todd, Judge.

Temple, Texas. Dec. 11-14, 1906. Mrs. W.
E. Matthews, Secretary; H. B. Savage, Judge.

East Tennessee Poultry Association, Knox-
ville, Tenn., Dec. 11-14, 1906. J. Lake Hack-
ney, Secretary; F. J. Marshall, Chas. McClave,
Judges.

Lorimer, Ia. Dec. 13-15, 1906. Geo. Loch-
rie, Secretary; F. H. Shellabarger, Judge.

Charleston Poultry Association, Charleston,
S. C., Dec. 14-19. T. J. McCarty, Secretary;
F. J. Marshall and Geo. O. Brown, Judges.

McConnellsville, Ohio. Dec. 18-21, 1906.
Frank Sheridan, Secretary; T. E. Orr, Judge.

Mobile Poultry Breeders Association, Mobile,
Ala., Dec. 18-21, 1906. Edw. R. Hayssen, Sec-
retary; N. L. Hutchinson, Judge.

Dunlap, Ia. Dec. 26-29, 1906. E. R. Cad-
well, Secretary; Geo. D. Holden, Judge.

Greenfield, Ohio. Dec. 31, 1906-Jan. 5,
1907. Lee W. Devoss, Secretary; D. J. Lam-
bert, Judge.

Macomb, Ill. Jan. 7-10, 1907. A. L. Moore,
Secretary; Pierce, McClave, Tucker, Fite and
Heyl, Judges.

Monroe Poultry Association, Monroe, N. C.
T. P. Dillon, Secretary. Jan. 8-11, 1907. Geo.
O. Brown and Geo. W. Mean, Judges.

Enid, Okla. Jan. 8-12, 1907. Fred Roy
Ziller, Secretary; C. A. Emry, Judge.

Dallas, Texas. Jan. 8-12, 1907. F. J.
Marshall, Judge; Secretary.

Oak Harbor, Ohio. Jan. 11-15, 1907. N.
H. Blecker, Secretary; Chas. McClave, Judge.

Tennessee State Show, Nashville, Tenn. Jan.
14-18, 1907. F. J. Marshall, C. H. Denny,
Hansen, Judges. J. A. Murkin, Jr.,
Secretary.

Scranton, Pa. Jan. 14-19, 1907. A. W.
Close, Secretary; Drevensstedt, Pierce and
Stanton, Judges.

Charlotte Poultry Association, Charlotte, N.
C. Jan. 14-19, 1907. W. B. Alexander, Sec-
retary; G. O. Brown, Judge.

Worcester, Mass. Jan. 23-26, 1907. Fred
Midgley, Secretary.

Piedmont Poultry Association, Atlanta, Ga.
Jan. 23-29, 1907. F. L. Mixon, Secretary; F.
J. Marshall, Judge.

Springfield, Ohio. Jan. 28-Feb. 2, 1907.
Albert Seitz, Secretary; Ira C. Keller, Judge.

Ann Arbor, Mich. Jan. 28-Feb. 2, 1907.
G. R. Cooper, Secretary; Tucker & Campbell,
Judges.

Oshkosh, Wis. Feb. 1-7, 1907. J. F. Irvine,
Secretary; Chas. McClave, J. A. Tucker,
Judges.

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CLINTON, KY.

sociation, Greenfield, Tenn. Dates not given. Silas L. Johnson, Secretary; R. E. Jones, Judge. Chattanooga Poultry Association, Chattanooga, Tenn. W. F. Maury, Secretary; Geo. O. Brown, Judge. Dec. 12-15, 1906.

Georgia-Carolina Fair, Augusta, Ga., Oct. 29th-Nov. 3rd. J. W. Killingsworth, Sect. Ravenue, Ohio, Dec. 19 to 24, 1906. H. A. Beck, Secretary; J. E. Gault, Judge.

Lima, Ohio, Jan. 2 to 5, 1907. Ed. Helsel, Secretary; Judges J. E. Gault and C. E. Cram. Sidney, Ohio, Jan. 8 to 12, 1907. Earl Lee, Secretary; Judges J. E. Gault and C. E. Cram. Toledo, Ohio, Jan. 24 to 28, 1907. A. T. Baker, Secy.; Judges J. E. Gault and others.

Atlanta Poultry Association, Atlanta, Ga. Dates and judges not settled. H. F. Reils, Secretary.

Florida Poultry Association. Mrs. W. H. Miller, Wauchula, Fla., Secretary.

Bristol Poultry Association, Bristol, Tenn. J. C. Adams, President.

Select Home Judges.

"The Industrious Hen" comes to us in its third volume, and truly it has made great progress since its birth. We are with its editor on selecting Southern judges for the South's best shows, and feel that it is no more than right to stick up for the South's fanciers. Every association of the South has some members, I am sure, that are bold to come out and assert that the South has as good judges of poultry as can be found, and yet some of these very men will turn about and employ a Northern man at twice the cost to have the awards placed on their birds. Nearly every Southern State has some good, competent judge of poultry, and that is what is wanted to build up the Southern industry. So far, but few clubs have supported Southern judges, but I hope that associations that have not made their selections will be open and select one of their fellowmen as judge before going away North for one.—Edw. R. Hayssen in *Farm and Floral World*.

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Since the publication of the June issue of *The Industrious Hen*, in which was shown a beautiful illustration of Angora goats, we have had a number of inquiries from prospective buyers wanting to know where they could be bought. If any of our readers know of any one who has Angora goats for sale they will confer a favor on several of our readers by informing the editor of *The Industrious Hen*.

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300 WHITE, Brown and Buff Leghorn hens for sale. Barred and Buff Rocks, Rose and Single Comb Minorcas. Write for prices on stock and eggs. Satisfaction guaranteed. Page Valley Poultry Yards, Luray, Va. 27

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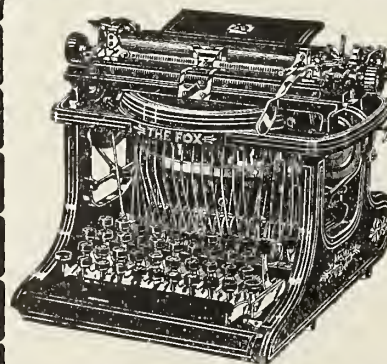
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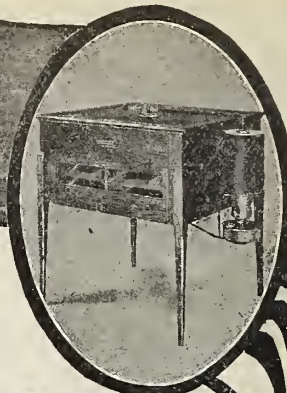
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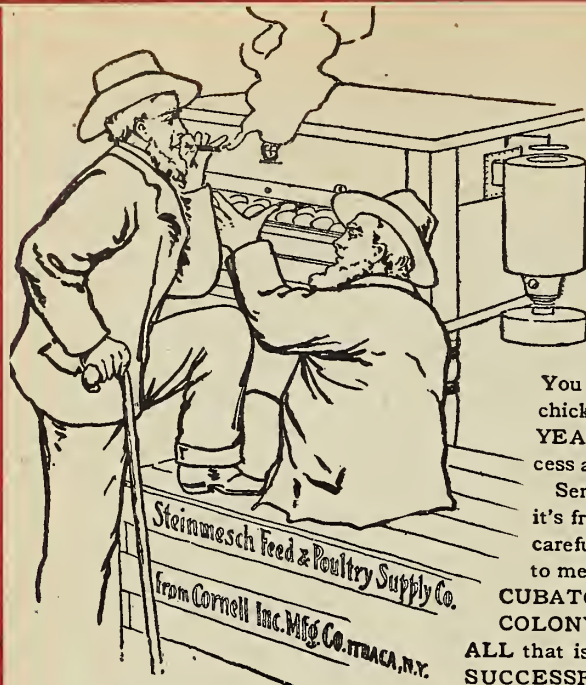
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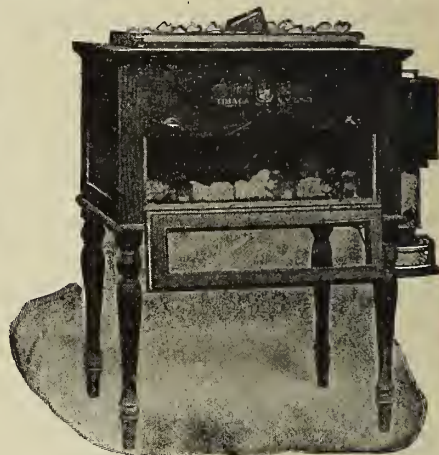
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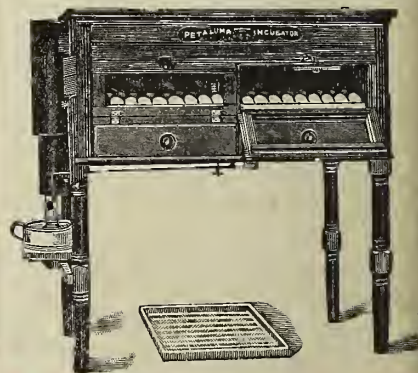
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